



**NORTH MARIN WATER DISTRICT**  
**AGENDA – REGULAR MEETING**  
May 17, 2022 – 6:00 p.m.  
Location: Virtual Meeting  
Novato, California

Information about and copies of supporting materials on agenda items are available for public review at 999 Rush Creek Place, Novato, at the Reception Desk, or by calling the District Secretary at (415) 897-4133. 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.*

All times are approximate and for reference only.  
The Board of Directors may consider an item at a different time than set forth herein.

Est. Time 6:00 p.m.	Item	Subject
	<b>CALL TO ORDER</b>	
	1.	<b>APPROVE MINUTES FROM REGULAR MEETING</b> , May 3, 2022
	2.	<b>GENERAL MANAGER'S REPORT</b>
	3.	<b>OPEN TIME: (Please observe a three-minute time limit)</b>  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.	<b>STAFF/DIRECTORS REPORTS</b>
	5.	<b>MONTHLY PROGRESS REPORT</b>
	<b>CONSENT CALENDAR</b>  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.	
	6.	<b>Consent – Approve:</b> : Re-Authorizing Meetings by Teleconference of Legislative Bodies of North Marin Water District Resolution
	7.	<b>Consent – Approve:</b> : Utility Agreement between Caltrans and North Marin Water District for Caltrans' West Marin Paving Project
	8.	<b>Consent – Approve:</b> : Approve Text for Spring 2022 Novato "Waterline", Issue 48
	<b>ACTION CALENDAR</b>	
	9.	<b>Approve:</b> Exception to CalPERS 180-day Wait Period Requirement for Retiring Employee Resolution
	10.	<b>Approve:</b> -Consider Contract Extension for NMWD Trench Restoration Paving
	<b>INFORMATION ITEMS</b>	
	11.	FY 2021/22 Third Quarter Progress Report – Engineering Department
	12.	FY 2021/22 Third Quarter Progress Report -Water Conservation
	13.	RRIFR Public Policy Facilitating Committee Annual Meeting Agenda – May 4, 2022
	14.	NBWA Meeting– May 6, 2022
	15.	<b>MISCELLANEOUS</b> Disbursements – Dated May 5, 2022  <u>News Articles:</u> Marin IJ – Utilities assess supply options – DISTRICT STUDIES Marin IJ – Marin Voice – Water ethic should include drinking recycled wastewater Marin IJ – Opinion -MMWD asks too much of careful ratepayers Marin IJ – District adjusts rules on water – MARIN MUNICIPAL Marin IJ – Drought, rising costs halt community garden project – NOVATO Marin IJ – Marin Voice – Take a 'silver buckshot' approach to water reliability Marin IJ – Weak water savings fuel calls for harder line – STATE DROUGHT Marin IJ – Californians ignore water savings goal – DROUGHT

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Est. Time	Item	Subject
		Point Reyes Light – Water districts mull new supply options Los Angeles Times – California Coastal Commission rejects plan for Poseidon desalination plant
		<u>Social Media Posts:</u> NMWD Web and Social Media Report – April 2022
7:30 p.m.	16.	<b><i>ADJOURNMENT</i></b>

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The Board of Directors may consider an item at a different time than set forth herein.

(Continued)

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DRAFT  
NORTH MARIN WATER DISTRICT  
MINUTES OF REGULAR MEETING  
OF THE BOARD OF DIRECTORS  
May 3, 2022

**CALL TO ORDER**

President Petterle announced that due to the Coronavirus outbreak and pursuant to the Brown Act as modified by Assembly Bill 361, this was a virtual meeting. President Petterle called the regular meeting of the Board of Directors of North Marin Water District to order at 6:00 p.m. and the agenda was accepted as presented. President Petterle added that there was not a public location for participating in this meeting, but any interested members of the public could participate remotely by utilizing the video or phone conference dial-in method using information printed on the agenda. President Petterle announced that 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.

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

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

Mr. McIntyre performed a roll call of staff, participating remotely were Drew McIntyre (General Manager), Tony Williams (Assistant GM/Chief Engineer), Terrie Kehoe (District Secretary), Julie Blue (Auditor-Controller), Tony Arendell (Construction/Maintenance Superintendent), Robert Clark (Operations/Maintenance Superintendent), Ryan Grisso (Water Conservation Coordinator), Pete Castellucci (Distribution/Maintenance Foreman) and Connie Filippi (Accounting Clerk II). Also participating remotely was Carl Nelson (BPMNJ), Craig Hill (NHA Advisors) and IT consultant Clay Smedshammer (Core Utilities).

President Petterle requested that for those joining the virtual meeting from the public to identify themselves. Participating remotely were Micky McIntyre, Celeste McIntyre, David Fama, Mitzi Hyland and James Wozniak.

36 **MINUTES**

37 On motion of Director Joly seconded by Director Fraites, the Board approved the regular  
38 minutes from the April 19, 2022 Regular Board Meeting by the following vote:

39 AYES: Director Baker, Fraites, Grossi, Joly and Petterle

40 NOES: None

41 ABSTAIN: None

42 ABSENT: None

43 On motion of Director Baker seconded by Director Joly , the Board approved the minutes  
44 from the April 26, 2022 Special Board Meeting by the following vote:

45 AYES: Director Baker, Fraites, Grossi, Joly and Petterle

46 NOES: None

47 ABSTAIN: None

48 ABSENT: None

49 **GENERAL MANAGER'S REPORT**

50 Mr. McIntyre announced that this was the fifth meeting in five weeks and therefore he did  
51 not have much to report out.

52 Mr. McIntyre reported that on May 2<sup>nd</sup> there was an in-person WAC/TAC Board meeting  
53 in Santa Rosa. He noted that the room was large and social distancing was practiced. Mr.  
54 McIntyre added that he, Director Baker, Director Grossi and Mr. Williams all attended the meeting.  
55 He stated that it was good meeting and a great opportunity for Mr. Williams to meet his cohorts in  
56 person.

57 President Petterle asked if there were any comments or questions from the Directors.

58 Director Baker stated that Mr. Williams may have had a number of occasions to meet  
59 some of the people, but Monday would have been the first time for him to meet the entire crew.  
60 He added that it was the first in person meeting in a couple of years and it could not have gone  
61 smoother. Director Baker stated that everyone was happy to see their colleagues and be together  
62 in a group. He noted that there were new people on the Board to meet in person. Director Baker  
63 added that it was refreshing and the group had a different chemistry in person. Mr. McIntyre  
64 stated that the WAC/TAC have the advantage of a large meeting room where everyone can social  
65 distance and reminded the Board that NMWD does not have that capability, therefore the District  
66 could only transition into a hybrid situation. He also noted that the WAC/TAC was an in-person

only meeting and a hybrid setup was not possible. Director Grossi stated that it was nice after the meeting to talk, meet new people and reconnect with others. Mr. McIntyre reported that Jennifer Burke will move to TAC Chair and Matt Fullner of Valley of the Moon was elected Vice Chair.

President Petterle asked if anyone from the public would like to speak and there was no response.

### **OPEN TIME**

President Petterle asked if anyone from the public wished to bring up an item not on the agenda and there was no response.

### **STAFF/DIRECTORS REPORTS**

President Petterle asked if any Directors or staff wished to bring up an item not on the agenda and the following were discussed.

Director Petterle announced he will be attending a RRIFR Public Policy Facilitating Committee Annual Meeting in the afternoon on May 4<sup>th</sup>. Director Grossi stated that he also planned to attend.

### **QUARTERLY FINANCIAL STATEMENT – MARCH 31, 2022**

Ms. Blue presented the Quarterly Financial Statement and noted that Operating Revenue and Operating Expenses came in near budget. She stated that the District generated a net income of \$182,040 and saw a net cash increase of \$782,301. Additionally, Ms. Blue noted that 25% of the Capital Improvement Projects Budget was expended this fiscal year to date. Ms. Blue reported on the quarterly financials for the Novato Water Service Area, the Novato Recycled Water System, the West Marin Water Service Area and the Oceana Marin Sewer System.

President Petterle asked if there were any comments or questions from the Directors and there was no response.

President Petterle asked if anyone from the public would like to speak and there was no response.

### **CONSENT CALENDAR**

On the motion of Director Fraites, and seconded by Director Baker the Board approved the following items on the consent calendar by the following vote:

AYES: Director Baker, Fraites, Grossi, Joly and Petterle

NOES: None

ABSTAIN: None

ABSENT: None

### **RE-AUTHORIZING MEETINGS BY TELECONFERENCE OF LEGISLATIVE BODIES OF**

101 **NORTH MARIN WATER DISTRICT**

102 The Board approved Re-Authorizing Meetings by Teleconference of Legislative Bodies of  
103 North Marin Water District. Resolution 22-12 will extend the continuation of teleconference  
104 meetings effective May 3, 2022 through June 2, 2022 pursuant to Brown Act provisions.

105 **TEXT FOR SPRING 2022 WEST MARIN "WATERLINE", ISSUE 21**

106 The Board approved the text for the Spring 2022 West Marin Waterline, Issue 21.

107 **ACTION CALENDAR**

108 **RESOLUTION OF APPRECIATION FOR DREW McINTYRE**

109 President Petterle read Mr. McIntyre's Resolution of Appreciation, 22-11. He stated that  
110 Mr. McIntyre is retiring after twenty-four years of service. President Petterle noted that Mr.  
111 McIntyre was hired in 1998 as the Chief Engineer, became Assent General Manger/Chief  
112 Engineer in 2015 and became General Manger of the District in 2017. President Petterle added  
113 that, Mr. McIntyre's performance has been exemplary, marked by his expertise, commitments,  
114 innovations and service to the Novato and West Marin communities. He acknowledged his  
115 leadership as Chairman of the TAC to SCWA and his implementation of many projects including,  
116 but not limited to: the Advanced Metering Infrastructure for Novato, the NMWD Water  
117 Conservation Program, the Stafford Treatment Plant Rehabilitation Project, the Recycled Water  
118 Service Expansion and the Aqueduct Energy Efficiency Project. He also led the District through  
119 one of the state's worst droughts in 2020 and 2021 and simultaneously maintained high level of  
120 service through a global pandemic.

121 Director Petterle thanked Mr. McIntyre for his amazing career and service to the District  
122 and stated that he will be missed.

123 Mr. McIntyre stated that when the resolution was read aloud, phases of his career flashed  
124 before him, including the many co-workers who helped make those projects a success. He added  
125 that he was happy to be part of a team and proud to work with the Board and employees who  
126 worked hard to provide good service. Mr. McIntyre expressed gratitude to the Board for their  
127 guidance and support and to Chris DeGabriele who hired him in his original role as Chief  
128 Engineer. He added that he will no longer be an employee; however, he will continue to be a  
129 customer of NMWD.

130 President Petterle asked if there were any comments or questions from the Directors.

131 Director Grossi stated that the District was fortunate to have Mr. McIntyre in this leadership  
132 position, for the District and for the regions, noting he dealt with many issues, went to many  
133 meetings representing the District and we are in a better position because of it. Director Grossi  
134 added that the culture at NMWD is unlike anything he has seen at other public agencies, the



camaraderie, support and hard work ethic was always emphasized by Mr. McIntyre as a leader.

Director Fraites agreed, noting his work was exemplary and he was sad to see him leave. He added that Mr. Williams will be picking up the reins and will be equally efficient in his leadership.

Director Joly thanked Mr. McIntyre for his professional leadership and servant of the North Marin community as well as Sonoma. He noted that Mr. McIntyre was always a gentleman and always listened respectfully. Director Joly wished Mr. McIntyre an enjoyable retirement and stated that he is looking forward to hearing from him.

Director Baker agreed, stating that Mr. McIntyre had good judgement as a leader for the District, as well having a great relationship with his colleagues to the North. He added that, Mr. McIntyre had a low-key manner of persuasion and everyone trusted his word. Director Baker noted that Mr. McIntyre dealt with many issues and many entities, as with the Potter Valley Project in which he worked with PG&E, the state and other government agencies. Director Baker added that Mr. McIntyre was a pleasure to work with.

President Petterle asked if any of the staff had any comments.

Mr. Arendell wished Mr. McIntyre a great retirement and hoped he would now have the time to travel.

Mr. Clark stated that he appreciated all the opportunities Mr. McIntyre gave him to participate in local leadership such as Rotary and Leadership Novato. He added that at Rotary, Mr. McIntyre was the ambassador of NMWD and hoped he will still see him there. Mr. Clark also thanked him for allowing him to work with AWWA and added that he will continue to do so. He wished him well in his retirement.

Ms. Kehoe stated that earlier in the day she put a sign out in the Board room that expressed how the employees of the District felt about Mr. McIntyre. She stated that Mr. McIntyre was a great boss because of his leadership and vision, but he was an even a greater person because of his kindness, respect and positivity. Ms. Kehoe added that all the employees will greatly miss Mr. McIntyre.

Ms. Blue stated that she had worked with Mr. McIntyre for four years and wanted to publicly thank him for the opportunity he gave her when he hired her as Auditor Controller. She noted that she now knows that she wants to retire from NMWD, adding Mr. McIntyre was an amazing role model for staff.

President Petterle asked if anyone from the public would like to speak.

Mr. Levin stated that on behalf of the Point Reyes Station Village Association and himself he would like to thank Mr. McIntyre for his responsiveness, and willingness to explain the NMWD

169 projects to the citizens of West Marin. He also thanked the Board for their willingness to deal with  
170 the problems of the District and work to address and solve them. Mr. Levin added that it was a  
171 pleasure to work with Mr. McIntyre, who along with staff would get the job done. He stated that  
172 in his experience this is unusual for many government agencies. Mr. Levin added that he will  
173 miss Mr. McIntyre, but is also looking forward to working with Mr. Williams.

174 Mr. Williams stated that he met Mr. McIntyre in 2014 when he worked on the Novato  
175 watershed project while at the City of Novato, and again in 2016 with the Marin County Flood  
176 Control District. He added that, he has witnessed the influence Mr. McIntyre had at the WAC/TAC  
177 and TAC Ad-hoc meetings and how it impacted both Novato as well as the whole region. Mr.  
178 Williams thanked Mr. McIntyre for giving him the opportunity to work at NMWD, and although he  
179 knows it will be tough to fill his shoes he will do his best to fill them as General Manager of NMWD.

180 On the motion of Director Fraites, and seconded by Director Baker the Board adopted the  
181 Resolution of Appreciation to Mr. McIntyre's retiring after almost twenty-four years of employment  
182 with North Marin Water District by the following vote:

183 AYES: Director Baker, Fraites, Joly, Grossi and Petterle

184 NOES: None

185 ABSTAIN: None

186 ABSENT: None

187 **APPROVAL OF 2022 LOAN WITH WEBSTER BANK TO FINANCE ADMINISTRATION**  
188 **BUILDING, LAB AND OTHER CAPITOL PROJECTS**

189 Ms. Blue updated the Board on the financing for the Administration Building and  
190 Laboratory Upgrade Project. She stated that in order for the District to award the project the  
191 District must identify the funding source. Ms. Blue introduced Craig Hill from NHA Advisors who  
192 worked with the District to find the best financing for the project.

193 Mr. Hill stated that this was a follow-up to a previous item that went before the Board a  
194 few months ago. He stated that the process included solicitation of banks and financial intuitions,  
195 and other options such as bonds. Mr. Hill stated that it was decided not to go with a bond as it  
196 was too expensive and therefore elected to go with private placement which was similar to the  
197 financing the District had pursued in the past. He noted that although the Administration and  
198 Laboratory Renovation Project is less than the \$20M proposed, it was advised to provide  
199 additional capital dollars for other projects that the Board had discussed especially since the bank  
200 was willing to loan that amount.

201 President Petterle asked if there were any comments or questions from the Directors.

202 Director Joly asked if the \$1,350,000 loan payment included repayment of interest. Mr.

Hill confirmed that it included the principal and interest. Director Joly asked if the payments were for twenty years. Mr. Hill confirmed and noted that they were semiannual. Director Joly stated that he calculated that if the loan is \$20M, interest will be \$7M for a total of \$27M, and Mr. Hill confirmed. Director Joly asked Ms. Blue if there was anything in conveyance that limits our future in any way. He also asked if the District was self-insured or required additional insurance. Ms. Blue replied that the District is no longer self-insured, and no that the insurance cost will be revaluated after the building renovation. She added that it is not different than any other renovation, and noted that she made sure to have the ability to pay off the loan, which has after eight years can be paid off without penalty, so if needed the District can refinance the loan if a lower interest arises in the future. Director Petterle stated that it could happen by the year 2030 if it was in the District's favor. Ms. Blue confirmed, adding we would not want to refinance until it is worth it, noting there is plenty of time to pay down the debt and she sees no red flags with the loan. Director Joly asked if our net revenue or debt going forward would be threatened at any time. He also asked Ms. Blue as the Auditor Controller, to give her opinion as to if the \$20M would limit water supply, infrastructure or seismic issue reserves. Ms. Blue replied that the \$20M would help in the case of water supply issues, and noted that the District's reserves are healthy. Director Joly asked if this loan would not put any limitations on the District. Ms. Blue replied that it does not. Director Joly acknowledged the District will be getting a great rate, noting the federal government will be raising rates on May 4<sup>th</sup> and again on June 15<sup>th</sup>. Mr. Hill also noted that three months ago the rate was even lower, but the rate of this loan is still lower than the current market. Director Joly asked about the SRF Loan parity debt permission Ms. Blue mentioned was needed for the final closing. Ms. Blue stated that she had a request in to the State Water Resources Control Board (SWRCB) to review the financials and to give us a waiver so we can avoid paying for an official credit rating, which was what the District did in 2018. She added that she is in communication with SWRCB and does not see a problem with getting the exemption letter.

Director Grossi stated that he felt the loan amount was well thought out. He added that with consideration of new water sources, the extra funds will give us enough room to work out a long-term plan and will help when setting rates.

President Petterle asked if anyone from the public would like to speak and there was no response.

On the motion of Director Grossi and seconded by Director Baker the Board authorized the borrowing of funds from a private placement lender, Webster Bank, in a principal amount not to exceed \$20,000,000 to finance the Administration Building and Lab Project as well as other capital improvement projects and approving related documents and actions by the following vote:

237 AYES: Director Baker, Fraites, Grossi, Joly and Petterle

238 NOES: None

239 ABSTAIN: None

240 ABSENT: None

241 Director Grossi announced that he had another meeting to attend and was dismissed at  
242 6:46 p.m.

243 **ADMINISTRATION AND LABORATORY UPGRADE PROJECT – AWARD CONSTRUCTION**  
244 **CONTRACT**

245 Mr. Williams reported on the bids for the construction contract for the Administration and  
246 Laboratory Upgrade Project. He gave an overview of the background of the project, the bid  
247 evaluation, a bid protest received, and the financial impact. Mr. Williams noted that staff and legal  
248 counsel both reviewed the bid protest. He added that NMWD has contacted references provided  
249 by the low bidder, D.L. Falk Construction on past projects and they have performed well.

250 President Petterle asked if there were any comments or questions from the Directors.

251 Director Baker requested legal counsel way in to reinforce Mr. Williams recommendation  
252 in light of the bid protest.

253 Mr. Nelson replied that the low bidder, D.L. Falk was in fact responsive, because the  
254 roofing installation work is planned for a subcontractor, but the materials would be provided by  
255 them, based on an actual quote provided to the District as proof. He added that it is legal to  
256 proceed since the cost of work by the subcontractor is below a threshold of 0.5% of the total bid  
257 amount, and it is legitimate to limit installation of materials. Mr. Nelson noted that there are two  
258 possible scenarios in this case, either the low bidder is competent to do the work themselves; or  
259 they can get a roofing subcontractor less than the threshold (0.5%), as they did. He added that  
260 Mr. Williams confirmed that the roofing subcontractor was approved by the roofing manufacturer  
261 per the project specifications and therefore it was his view that it was appropriate to award the  
262 bid. Director Joly asked if Thompson Builders, the bid protester, could take the appeal further.  
263 Mr. Nelson replied that they have the right to appeal, but the District has an ace in their pocket  
264 since the ABC case stated that the District does not have to competitively bid their construction  
265 projects. Director Joly asked what the timeline was for the building construction. Mr. Williams  
266 replied that there is a fourteen-month construction period allowed by the contract and the start  
267 time will depend on the Notice to Proceed. He added that first we must issue the Notice of Award  
268 for construction, get the insurance and bonds, then the Notice to Proceed follows, which starts  
269 the clock ticking. Mr. Williams noted that issuance of the Notice to Proceed is expected in June;  
270 therefore, an estimated date of project completion would be August 2023. Director Joly asked if

it was a performance bond. Mr. Williams replied that both a performance and payment bond is required. Director Joly noted that there was 11% contingency for the bid amount, and asked if there would be a problem with timing due to supplies or if inflation costs could present an issue. Mr. Williams replied that the bid is locked in, whatever inflation may occur the contractor would deal with it and noted that he hasn't heard of any concern with the supply chain or any issues that the materials will be hard to get.

President Petterle asked if anyone from the public would like to speak and there was no response.

On the motion of Director Baker, and seconded by Director Joly, the Board rejected in its entirety the protest of Thompson Builders, approved award of the contract to D.L. Falk Construction, Inc., and authorized the General Manager to execute an agreement with D.L. Falk Construction Inc. for \$11,614,000, and set aside a contingency and alternate reserve of \$1,252,000 (10.8%) by the following vote:

AYES: Director Baker, Fraites, Joly and Petterle

NOES: None

ABSTAIN: None

ABSENT: Director Grossi

**NMWD ADMINISTRATION AND LABORATORY UPGRADE PROJECT – TEMPORARY LEASES**

Mr. Williams reported on the status of the temporary leases for the Administration and Laboratory Upgrade project. He noted that the fourteen-month lease for the Wood Hollow site was included in the FY22 CIP Budget and Financing Plan and is necessary to provide temporary office space during the Project. Mr. Williams reminded the Board that the Project includes the complete renovation of the existing Administration Building and requires the building to be unoccupied, therefore staff need a place to relocate. He noted that this is the last piece of the puzzle and the last step is to ratify the lease. Mr. Williams added that the new location will also have space in the leased area for Board Meetings similar in size to the current space we have now.

President Petterle asked if there were any comments or questions from the Directors.

Director Baker stated that the Board is interested to see what the Wood Hollow location is like and wanted to know who to contact for a tour. Mr. Williams replied that he, Mr. Clark or Ms. Blue can accommodate a walk through of the space. Director Joly asked if there was a possibility of an extension if needed. Mr. Williams replied that the District does have the ability to have two three-month extensions, noting there was flexibility built into the lease. He added that the entire

305 third floor is vacant, so it is likely there will no not be a problem getting an additional extension if  
306 needed. Director Joly asked if this was also the case for the Buck Center lease. Mr. Williams  
307 confirmed, adding that there is a built-in six-month extension due to the time needed for  
308 certification of the new lab. Director Joly stated that the Wood Hollow lease is approximately  
309 \$400,000 and wanted to know what the total soft costs look like. Mr. Williams replied that he has  
310 a rough number, but would prefer to provide a more accurate number after the meeting. Director  
311 Petterle noted that the Buck Institute was designed by I.M. Pei, one of the world's leading  
312 architects and hoped the lab personnel appreciated that.

313 President Petterle asked if anyone from the public would like to speak and there was no  
314 response.

315 On the motion of Director Joly, and seconded by Director Fraites the Board approved  
316 ratification of the Office Lease Agreement for 100 Wood Hollow Complex by the following vote:

317 AYES: Director Baker, Fraites, Joly and Petterle

318 NOES: None

319 ABSTAIN: None

320 ABSENT: Director Grossi

321 Director Joly congratulated Mr. Williams for an exceptional job in spearheading the project,  
322 in addition to the great work done by staff. He added that the memos provided made sense and  
323 the numbers were useful. Mr. Williams replied that Mr. Clark aided with overall coordination and  
324 Ms. Blue with the financial side of the project.

325 **RESOLUTION RE CONSOLIDATION OF DISTRICT ELECTION AND FILING INFORMATION**  
326 **– DISTRICT ELECTION NOVEMBER 8, 2022**

327 Ms. Kehoe announced there will be two seats on the Board that will be up for re-election.  
328 She stated that in order to continue to minimize costs and for the ease of conducting the election  
329 it is recommended the Board consolidate the District's election with the November 8, 2022  
330 election.

331 President Petterle asked if there were any comments or questions from the Directors and  
332 there was no response.

333 President Petterle asked if anyone from the public would like to speak and there was no  
334 response.

335 On the motion of Director Baker, and seconded by Director Fraites the Board adopted the  
336 Resolution 22-14 re Consolidation of District Election and Filing Information for the District  
337 Election on November 8, 2022 by the following vote:

338 AYES: Director Baker, Fraites, Joly and Petterle

NOES: None

ABSTAIN: None

ABSENT: Director Grossi

**INFORMATION ITEMS**

**INITIAL REVIEW – CAPITAL PROJECT FY 22/23 & FY 23/24 & EQUIPMENT BUDGET FY 22/23**

Ms. Blue reviewed the FY 22/23 Budgets for North Marin Water District which included Novato Water, West Marin Water, Recycled Water and Oceana Marin Sewer. Additionally, she noted that, at the June 21<sup>st</sup> Board meeting there will be a public rate hearing to review and approve rate increases for the Novato systems, followed by West Marin and Oceana Marin public rate hearings on June 28<sup>th</sup>.

President Petterle asked if there were any comments or questions from the Board.

Director Joly asked if staff were expecting grants for any of the CIP projects. Ms. Blue stated that the schedule included a section with funds by loans or grants. Mr. Williams announced that he found out yesterday that the District received a \$764,000 award for the Oceana Marin project, noting under a similar program staff applied for the Crest Pump Station and San Mateo Tank Projects. Additionally, Mr. Williams stated that staff is also working under an existing grant for drought relief associated with the Gallagher Well No. 2 Project. Director Joly thanked staff for their great work.

President Petterle asked if there were any comments or questions from the public and there was no response.

**MISCELLANEOUS**

The Board received the following miscellaneous items: Disbursements - Dated April 21, 2022; Disbursements – Dated April 28, 2022; Marin IJ – North Marin Water District Virtual Community Local Water Supply No.2 Workshop; RR Bi Op Public Policy Facilitating Committee Annual Meeting Agenda – May 4, 2022; FY 22 3<sup>rd</sup> Quarter Labor Cost Report; Rate Increase Notice on Water Bill – Novato Service Area; Rate Increase Notice on Water Bill – West Marin Water Service Area; Direct Mailer – Notice of Proposed Water Rate Increases – Novato Service Area; Direct Mailer – Notice of Proposed Water Rate Increases – West Marin Water Service Area and Direct Mailer – Notice of Proposed Sewer Rate Increases – Oceana Marin Sewer Service Area.

The Board received the following news articles: Marin IJ – MMWD officials weigh permanent restrictions – DROUGHT; Marin IJ – Rate increases for West Marin, Novato planned – NMWD PROPOSAL; Marin IJ – In your town Novato – North Marin appoints new general

manager; Point Reyes Light – In statewide campaign, water control board urges consolidation of districts; Point Reyes Light – Many policies at stake in housing plan; The Redheaded Blackbelt – “Everyone Knew It was Coming”; Eel River Waters Continue to be Diverts as PG&E Granted Annual License for the Potter Valley Project; The Press Democrat – Fishery groups plan to sue PG&E over Potter Valley plant and related Scott, Cape Horn dams; Marin IJ – Report opposes desalination plant – SOUTHERN CALIFORNIA and Point Reyes Light – Coast Guard housing will take longer.

President Petterle asked if there were any comments or questions from the Board or staff.

Mr. McIntyre thanked the Board for their unanimous vote on the renovation of the Administration Building and Lab. He also acknowledged Mr. Williams, Mr. Clark, Ms. Blue and Mr. Ramudo for a job well done. Mr. McIntyre added that the script could not have been better, as there were a lot of variables. He noted that the interest rate was great and the bid was below estimate.

President Petterle asked if there were any comments or questions from the public and there was no response.

#### **ADJOURNMENT**

President Petterle adjourned the meeting at 7:22 p.m.

Submitted by

Theresa Kehoe  
District Secretary



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**NORTH MARIN WATER DISTRICT**  
**MONTHLY PROGRESS REPORT FOR April 2022**  
 May 17, 2022

1.

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

Month	FY21/22	FY20/21	FY19/20	FY18/19	FY17/18	22 vs 21 %
July	282.9	341.7	317.7	341.1	331.0	-17%
August	212.4	290.1	287.1	300.9	303.0	-27%
September	214.5	225.6	280.5	255.0	292.4	-5%
October	198.5	307.8	286.0	265.6	273.7	-36%
November	94.1	201.6	226.3	170.1	163.9	-53%
December	137.1	183.0	141.2	157.8	152.1	-25%
January	118.3	156.6	111.9	114.7	130.6	-24%
February	118.6	110.5	120.3	110.9	134.8	7%
March	130.3	124.1	151.8	138.8	130.2	5%
April	137.7	225.4	195.0	143.8	151.7	-39%
<b>FYTD Total</b>	<b>1,644.5</b>	<b>2,166.2</b>	<b>2,117.7</b>	<b>1,998.6</b>	<b>2,063.4</b>	<b>-24%</b>

\*Excludes water backed into Stafford Lake; FY22=12.82 MG

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

Month	FY21/22	FY20/21	FY19/20	FY18/19	FY17/18	22 vs 21 %
July	6.0	8.2	8.9	10.2	9.5	-26%
August	5.7	9.2	8.4	9.9	8.8	-38%
September	5.9	7.9	7.8	9.5	8.4	-26%
October	5.1	6.7	7.5	8.3	7.9	-25%
November	3.5	5.8	6.7	7.3	5.4	-39%
December	4.0	5.1	4.8	5.7	5.1	-21%
January	3.8	4.2	4.1	5.0	4.5	-11%
February	3.8	3.8	4.4	3.5	4.5	1%
March	4.1	5.1	5.2	4.4	5.1	-21%
April	4.9	4.8	4.9	4.9	5.1	1%
<b>FYTD Total</b>	<b>46.7</b>	<b>60.8</b>	<b>62.7</b>	<b>68.6</b>	<b>64.3</b>	<b>-23%</b>

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

Month	FY21/22	FY20/21	FY19/20	FY18/19	FY17/18	22 vs 21 %
July	67.0	105.8	68.2	78.6	112.6	-37%
August	31.3	81.1	103.8	79.3	81.5	-61%
September	41.7	16.1	115.0	60.5	122.7	159%
October	28.2	7.7	103.4	74.5	102.3	266%
November	0.0	0.6	102.8	0.0	53.6	-100%
December	0.0	0.0	0.0	0.0	0.0	-
January	0.0	0.0	0.0	0.0	0.0	-
February	0.0	0.0	0.0	0.0	0.0	-
March	0.0	0.0	0.0	19.2	0.0	-
April	0.0	0.0	30.9	60.3	5.4	-
<b>FYTD Total</b>	<b>168.1</b>	<b>211.3</b>	<b>524.0</b>	<b>372.5</b>	<b>478.1</b>	<b>-20%</b>

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

Month	FY21/22	FY20/21	FY19/20	FY18/19	FY17/18	22 vs 21 %
July	42.9	39.0	36.5	30.2	27.7	10%
August	41.4	43.2	33.3	30.6	26.1	-4%
September	39.6	29.5	29.7	33.5	25.0	35%
October	18.3	22.8	26.6	20.1	19.1	-20%
November	0.8	10.9	10.8	12.7	2.5	-92%
December	0.3	0.2	0.5	1.5	0.8	50%
January	0.8	0.3	0.6	0.9	1.0	150%
February	1.3	0.5	0.6	0.3	3.3	147%
March	14.3	11.4	11.7	0.4	1.7	25%
April	16.7	18.1	12.5	10.1	5.1	-8%
<b>FYTD Total*</b>	<b>176.5</b>	<b>176.0</b>	<b>162.8</b>	<b>140.3</b>	<b>112.3</b>	<b>0%</b>

\*Excludes potable water input to the RW system: FY22=8.5 MG; FY21=24.7 MG; FY20=16.7; FY19=20.0 MG; FY18=15.8MG

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## 2. Regional and Local Water Supply

### Lake Sonoma\*\*

	Current	2021	2012 – 2021 Avg
Lake Storage*	46,600 MG	48,878 MG	78,856 MG
Supply Capacity	58 %	61 %	98 %

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

### Lake Mendocino\*\*

	Current	2021	2012 – 2021 Avg
Lake Storage *	15,640 MG	12,060, MG	27,700 MG
Supply Capacity	55 %	43 %	- %

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

\*\*Note: Information from SCWA is provided at time of report preparation.

## 3. Stafford Lake Data

	April Average	April 2022	April 2021
Rainfall this month	1.68 Inches	1.13 Inches	0.00 Inches
Rainfall this FY to date	24.14 Inches	17.78 Inches	1.30 Inches
Lake elevation*	193.2 Feet	191.5 Feet	186.1 Feet
Lake storage**	1192 MG	1077 MG	753 MG
Supply Capacity	-	77 %	54 %

\* Spillway elevation is 196.0 feet

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

### Temperature (in degrees)

	Minimum	Maximum	Average
April 2022 (Novato)	38	88	58
April 2021 (Novato)	42	98	63

## 4. Number of Services

April 30	Novato Water			Recycled Water			West Marin Water			Oceana Marin Swr		
	FY22	FY21	Incr %	FY22	FY21	Incr %	FY22	FY21	Incr %	FY22	FY21	Incr %
Total meters installed	20,852	20,807	0.2%	101	99	2.0%	799	793	0.8%	-	-	-
Total meters active	20,694	20,606	0.4%	96	96	0.0%	789	785	0.5%	-	-	-
Active dwelling units	24,099	24,094	0.0%	-	-	-	837	836	0.1%	235	235	0.0%

## 5. Oceana Marin Monthly Status Report (April)

Description	April 2022	April 2021
Effluent Flow Volume (MG)	0.478	0.470
Irrigation Field Discharge (MG)	0.407	0.000
Treatment Pond Freeboard (ft)	6.8	5.5
Storage Pond Freeboard (ft)	8.3	10

## 6. Developer Projects Status Report (April)

Job No.	Project	% Complete	% This month
1.2836.00	Residence Inn	10	0
1.2856.00	Redwood Credit Union	99	4
1.2850.00	59 Bridge Road	99	4
1.2858.00	North Bay Children's Center	15	5
1.2859.00	Station House Café	15	5
1.2855.00	NSD Ignacio Plant	15	5

## District Projects Status Report - Const. Dept. (April)

Job No.	Project	% Complete	% This month
1.1798.00	Replace Valves on Center Road	10	0
2.6609.20	Gallagher Well No. 2	25	10

## Employee Hours to Date, FY 22/21

As of Pay Period Ending April 30, 2022

Percent of Fiscal Year Passed = 83%

Developer Projects	Actual	Budget	% YTD Budget	District Projects	Actual	Budget	% YTD Budget
Construction	1,302	1,400	93%	Construction	1,859	3,988	47%
Engineering	1,638	2,290	72%	Engineering	2,079	4,323	48%

## 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) (\$)
86	\$28,014	3	3	0	\$0
23	\$10,120	3	3	2	\$11,092

FY 22 through Apr

FY 21 through Apr

Days since lost time accident through April 30, 2022

161 Days

## 8. Energy Cost

FYE	kWh	April		Fiscal Year-to-Date thru April		
		¢/kWh	Cost/Day	kWh	¢/kWh	Cost/Day
2022 Stafford TP	68,791	22.2¢	\$509	455,604	22.0¢	\$330
Pumping	105,457	27.3¢	\$930	1,048,098	27.7¢	\$955
Other <sup>1</sup>	41,812	30.6¢	\$413	414,945	31.2¢	\$425
	216,060	26.3¢	\$1,852	1,918,648	27.1¢	\$1,710
2021 Stafford TP	68,583	21.6¢	\$494	439,446	21.6¢	\$311
Pumping	258,596	25.7¢	\$2,081	1,545,206	25.4¢	\$1,288
Other <sup>1</sup>	45,356	27.3¢	\$387	492,023	26.8¢	\$433
	372,535	25.2¢	\$2,962	2,476,675	25.0¢	\$2,032
2020 Stafford TP	40,100	24.0¢	\$321	614,778	20.7¢	\$418
Pumping	86,760	23.0¢	\$666	1,164,031	23.3¢	\$888
Other <sup>1</sup>	41,310	22.7¢	\$313	473,561	24.9¢	\$385
	168,170	23.2¢	\$1,300	2,252,370	22.9¢	\$1,691

<sup>1</sup>Other includes West Marin Facilities

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## 9. Water Conservation Update

	Month of April 2022	Fiscal Year to Date	Program Total to Date
High Efficiency Toilet (HET) Rebates	7	106	4,381
Retrofit Certificates Filed	25	130	6,962
Cash for Grass Rebates	3	60	1,208
Washing Machine Rebates	1	30	6,860
Water Smart Home Survey	0	7	3,906

## 10. Utility Performance Metric

<b>SERVICE DISRUPTIONS (No. of Customers Impacted)</b>	<b>April 2022</b>	<b>April 2021</b>	<b>Fiscal Year to Date 2022</b>	<b>Fiscal Year to Date 2021</b>
<b>PLANNED</b>				
Duration Between 0.5 and 4 hours	39	11	110	100
Duration Between 4 and 12 hours		2	17	2
Duration Greater than 12 hours				
<b>UNPLANNED</b>				
Duration Between 0.5 and 4 hours	97	2	114	37
Duration Between 4 and 12 hours				24
Duration Greater than 12 hours				1
<b>SERVICE LINES REPLACED</b>				
Polybutylene	1	11	35	73
Copper Replaced or Repaired)	0	2	16	14

Planned: 39 planned service disruptions were due to preventative maintenance on a compromised 4" water main on Hotchkin Dr. A section of the pipe was replaced and a leaking tapping sleeve on Dan Domingo Way.

Unplanned: 97 unplanned disruptions were from one job on Seascape Dr. heavily populated with condos. The crew made an emergency repair on a broken 2" valve that was leaking.

## 11. Summary of COVID-19 Costs and Water Bill Delinquency Impacts - to Date

	Total
Increase in on-call Labor Costs	\$ 136,900
Payroll Accounts Receivable Collection Costs	\$ 15,200
Time off to Employees for COVID related reasons* -	\$ 78,900
Vendor Expenses - Including Legal Fees	\$ 46,800
Total Covid-19 Costs to Date	\$ 277,800

\* Families First Coronavirus Response Act (FFCRA) & CA Supplemental Paid Sick Leave (SPSL)  
Allows employees to take time off for COVID medical reasons including vaccination.

### Water Bill Delinquency Impacts

	2 Years Ago 04/2020	Last Year 04/2021	This Year 04/2022
Customer Accounts Past Due (count)	3.0%	3.1%	2.1%
Delinquent Balances % Due on Account	11.2%	10.1%	4.8%
Delinquent Balances \$ Due on Account*	\$ 78,000	\$ 102,100	\$ 50,267

\* High balance on record of \$159K in 12/2021.

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# NORTH MARIN WATER DISTRICT

## Summary of Complaints & Service Orders April 2022

### Tag Breakdown:

Total: 232 Consumer: 81 Office: 151

<u>Type</u>	<u>Apr-22</u>	<u>Apr-21</u>	<u>Added Notes</u>
<b><u>Billing</u></b>			
High Bill	<u>1</u>	<u>1</u>	
<b>Total</b>	<b><u>1</u></b>	<b><u>1</u></b>	
<b><u>Meter Replacement</u></b>	<u>17</u>	<u>12</u>	
<b>Total</b>	<b><u>17</u></b>	<b><u>12</u></b>	
<b><u>Need Read</u></b>	<u>1</u>	<u>1</u>	
<b>Total</b>	<b><u>1</u></b>	<b><u>1</u></b>	
<b><u>No-Water</u></b>	<u>5</u>	<u>0</u>	
<b>Total</b>	<b><u>5</u></b>	<b><u>0</u></b>	
<b><u>Leak</u></b>			
Consumer	156	111	
District	<u>10</u>	<u>4</u>	
<b>Total</b>	<b><u>166</u></b>	<b><u>115</u></b>	
<b><u>Water Quality</u></b>			
Turbidity	<u>2</u>	<u>0</u>	
<b>Total</b>	<b><u>2</u></b>	<b><u>0</u></b>	
<b><u>Check Pressure</u></b>	<u>0</u>	<u>4</u>	
<b>Total</b>	<b><u>0</u></b>	<b><u>4</u></b>	
<b><u>Turn Off / On</u></b>	<u>26</u>	<u>13</u>	
<b>Total</b>	<b><u>26</u></b>	<b><u>13</u></b>	
<b><u>Other</u></b>	<u>14</u>	<u>14</u>	
<b>Total</b>	<b><u>14</u></b>	<b><u>14</u></b>	
<b><u>TOTAL FOR MONTH:</u></b>	<b><u>232</u></b>	<b><u>160</u></b>	<b><u>45%</u></b>
<b><u>Fiscal YTD Summary</u></b>			<b><u>Change Primarily Due To</u></b>
Billing	10	41	-76% Decrease in Billing
Meter Replacement	92	73	26% Increase in Meter Replacements
Need Read	20	1	100% Increase in Reads
No-Water	17	0	100% Increase in No-Water
Leak	1,309	891	47% Increase in Leaks
Water Quality	4	1	300% Increase in Water Quality
Noisy Pipes	1	0	100% Increase in Noisy Pipes
Pressure	10	9	11% Increase in Water Pressure
Turn Off / On	175	154	14% Increase in Water On/Off
Other	58	54	7% Increase in Misc. Tags
<b>Total</b>	<b><u>1,696</u></b>	<b><u>1,224</u></b>	<b><u>39%</u></b> Increase overall

**Bill Adjustments Under Board Policy:**

**April 22 vs. April 21**

Apr-22	10	\$3,853
Apr-21	17	\$5,183

**Fiscal Year vs Prior FY**

21/22 FY	151	\$61,361
20/21 FY	192	\$82,088

## MEMORANDUM

To: Board of Directors

May 13, 2022

From: Julie Blue, Auditor-Controller *JB*  
Nancy Holton, Accounting Supervisor *NH*

Subj: Auditor-Controller's Monthly Report of Investments for April 2022

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**RECOMMENDED ACTION:** Information

**FINANCIAL IMPACT:** None

At month end the District's Investment Portfolio had an amortized cost value (i.e., cash balance) of \$25,361,072 and a market value of \$25,121,912. During April the cash balance decreased by \$240,383. The market value of securities held decreased \$239,160 during the month. The total unrestricted cash balance at month end was \$4,755,452 and 98.9% of the Designated Cash Reserves are funded.

At April 30, 2022, 84% of the District's Portfolio was invested in California's Local Agency Investment Fund (LAIF), 10% in Time Certificates of Deposit, 4% in the Marin County Treasury, and 2% retained locally for operating purposes. The weighted average maturity of the portfolio was 53 days, compared to 41 days at the end of March. The LAIF interest rate for the month was 0.52%, compared to 0.37% the previous month. The weighted average Portfolio rate was 0.56%, compared to 0.41% for the prior month.

Investment Transactions for the month of April are listed below:

4/7/2022	American Express Natl Bank	US Bank	\$249,669.41	TCD Matured
4/7/2022	US Bank	Capital One Bank	\$247,014.89	Purchase 2.20% TCD due 4/8/24
4/18/2022	Synchrony Bank	US Bank	\$249,492.07	TCD Matured
4/19/2022	LAIF	US Bank	\$300,000.00	Trsf from LAIF account
4/20/2022	US Bank	Capital One Bank, N.A.	\$247,000.00	Purchase 2.35% TCD due 4/22/24

**NORTH MARIN WATER DISTRICT  
AUDITOR-CONTROLLER'S MONTHLY REPORT OF INVESTMENTS  
April 30, 2022**

Type	Description	S&P Rating	Purchase Date	Maturity Date	Cost Basis <sup>1</sup>	4/30/2022 Market Value	Yield <sup>2</sup>	% of Portfolio
<b>LAIF</b>	State of CA Treasury	AA-	Various	Open	\$21,265,334	\$21,026,174	0.52% <sup>3</sup>	<b>84%</b>
<b>Time Certificate of Deposit</b>								
TCD	Pinnacle Bank	n/a	5/7/20	5/9/22	248,000	248,000	0.90%	1%
TCD	Enerbank	n/a	9/25/20	9/25/24	249,000	249,000	0.45%	1%
TCD	Sallie Mae Bank	n/a	8/18/21	8/18/23	249,000	249,000	0.35%	1%
TCD	UBS Bank	n/a	9/9/21	9/11/23	249,000	249,000	0.35%	1%
TCD	BMW Bank	n/a	8/20/21	2/20/24	249,000	249,000	0.45%	1%
TCD	Goldman Sachs Bank	n/a	1/19/22	1/19/24	249,000	249,000	0.75%	1%
TCD	Ally Bank	n/a	2/24/22	2/23/24	248,000	248,000	1.30%	1%
TCD	Greenstate Credit Union	n/a	3/15/22	3/15/24	249,000	249,000	1.60%	1%
TCD	Capital One Bank	n/a	4/7/22	4/8/24	247,000	247,000	2.20%	1%
TCD	Capital One Bank, N.A.	n/a	4/20/22	4/22/24	247,000	247,000	2.35%	1%
					<b>\$2,484,000</b>	<b>\$2,484,000</b>	<b>1.07%</b>	<b>10%</b>
<b>Other</b>								
Agency	Marin Co Treasury	AAA	Various	Open	\$1,045,312	\$1,045,312	0.22%	4%
Other	Various	n/a	Various	Open	566,427	566,427	0.41%	2%
<b>TOTAL IN PORTFOLIO</b>					<b>\$25,361,072</b>	<b>\$25,121,912</b>	<b>0.56%</b>	<b>100%</b>

Weighted Average Maturity = **53 Days**

LAIF: State of California Local Agency Investment Fund.

TCD: Time Certificate of Deposit.

Agency: STP State Revolving Fund Loan Reserve.

Other: Comprised of 5 accounts used for operating purposes. US Bank Operating Account, US Bank STP SRF Loan

Account, US Bank FSA Payments Account, Bank of Marin AEEP Checking Account & NMWD Petty Cash Fund.

1 Original cost less repayment of principal and amortization of premium or discount.

2 Yield defined to be annualized interest earnings to maturity as a percentage of invested funds.

3 Earnings are calculated daily - this represents the average yield for the month ending April 30, 2022.

<b>Interest Bearing Loans</b>	Loan Date	Maturity Date	Original Loan Amount	Principal Outstanding	Interest Rate
Marin Country Club Loan	1/1/18	11/1/47	\$1,265,295	\$1,105,113	1.00%
Marin Municipal Water - AEEP	7/1/14	7/1/32	\$3,600,000	\$1,930,238	2.71%
Employee Housing Loan (1)	3/30/15	3/30/30	250,000	250,000	Contingent
<b>TOTAL INTEREST BEARING LOANS</b>			<b>\$5,115,295</b>	<b>\$3,285,351</b>	

**The District has the ability to meet the next six months of cash flow requirements.**

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## MEMORANDUM

To: Board of Directors May 13, 2022

From: Tony Williams, General Manager *TW*

Subject: Re-Authorizing – Meetings by Teleconference of Legislative Bodies of North Marin Water District

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**RECOMMENDED ACTION:** Adopt Resolution No. 22-XX: "Resolution Finding Proclaimed State of Emergency, That Local Officials Continue to Recommend Physical Distancing, and that Meeting in Person Would Present Imminent Risks to the Health or Safety of Attendees; and Re-Authorizing Meetings by Teleconference of Legislative Bodies of North Marin Water District from May 17, 2022 through June 16, 2022 Pursuant to Brown Act Provisions".

**FINANCIAL IMPACT:** None

As authorized by the Governor's Executive Order N-29-20, Board meetings have been held virtually since March 17, 2020 to protect attendees, including members of public, District employees, and Board members, from potential exposure to the novel coronavirus disease 2019 ("COVID-19"). On June 11, 2021, the Governor issued Executive Order N-08-21 which rescinded these temporary modifications to the Brown Act, effective September 30, 2021. On September 16, 2021, the Governor signed Assembly Bill 361 (2021) ("AB 361") amending the Brown Act to allow local legislative bodies to continue to conduct meetings virtually under specified conditions and pursuant to special rules on notice, attendance, and other matters. AB 361 took full effect on October 1, 2021.

AB 361 authorizes the Board of Directors to meet virtually during declared states of emergency without noticing the location of individual Board Members or requiring such locations to be open to the public if certain findings are made and certain procedures are followed. Where a virtual meeting is held pursuant to AB 361, the members of the public must be able to observe and participate during the meeting.

The Governor's March 4, 2021 declaration of a State of Emergency remains in effect. On December 15, 2021, the State reinstated a universal masking requirement for all individuals while indoors to help combat the surge in COVID-19 cases due to the Omicron variant. On December 30, 2021, Marin County Health and Human Services issued new guidance changing the local rules on masking to align with the State mandate. On February 7, 2022, the State issued a new health order,

Approved by GM *TW*

Date 5/13/22

effective February 16, 2022, which limits indoor masking requirements to specified indoor settings and unvaccinated individuals. However, both the State and Marin County Health and Human Services continue to recommend wearing masks while indoors. CDC, OSHA, and Cal/OSHA continue to recommend mask wearing and physical distancing of at least six feet while indoors to protect against transmission of COVID-19. Therefore, the current circumstances support a determination by the Board that meeting in person would continue to present imminent risks to the health and safety of attendees.

On October 5, 2021, the Board adopted Resolution 21-22, thereby finding a proclaimed state of emergency, that local officials continue to recommend physical distancing, and that meeting in person would present imminent risks to the health or safety of attendees; and authorizing meetings by teleconference of legislative bodies of North Marin Water District from October 5, 2021 through November 4, 2021 pursuant to Brown Act provisions.

On November 2, 2021, November 16, 2021, December 7, December 21, 2021, January 18, 2022, February 15, 2022, March 15, 2022, April 5, 2022 and May 3, 2022 the Board adopted Resolutions 21-26, -27, -28, -30, 22-01, -04, -05, -06 and -12 respectively, thereby finding a proclaimed state of emergency, that local officials continue to recommend physical distancing, and that meeting in person would present imminent risks to the health or safety of attendees; and re-authorizing meetings by teleconference of legislative bodies of North Marin Water District for 30 days pursuant to the Brown Act provisions.

If adopted, Resolution No. 22-XX will allow the Board to continue to meet virtually for another 30 days, after which the Board will need to reconsider its findings and confirm the need to hold virtual meetings. This reconsideration and confirmation will need to occur every thirty days until the Board determines it is safe to meet in person.

RECOMMENDED ACTION:

Adopt Resolution No. 22-XX: "Resolution Finding Proclaimed State of Emergency, That Local Officials Continue to Recommend Physical Distancing, and that Meeting in Person Would Present Imminent Risks to the Health or Safety of Attendees; and Re-Authorizing Meetings by Teleconference of Legislative Bodies of North Marin Water District from May 17, 2022 through June 16, 2022 Pursuant to Brown Act Provisions".

## RESOLUTION NO. 22-XX

### RESOLUTION OF THE BOARD OF DIRECTORS OF NORTH MARIN WATER DISTRICT FINDING PROCLAIMED STATE OF EMERGENCY, THAT LOCAL OFFICIALS CONTINUE TO RECOMMEND PHYSICAL DISTANCING, AND THAT MEETING IN PERSON WOULD PRESENT IMMINENT RISKS TO THE HEALTH OR SAFETY OF ATTENDEES; AND RE-AUTHORIZING MEETINGS BY TELECONFERENCE OF LEGISLATIVE BODIES OF NORTH MARIN WATER DISTRICT FROM MAY 17, 2022 THROUGH JUNE 16, 2022 PURSUANT TO BROWN ACT PROVISIONS

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**WHEREAS**, all meetings of the legislative bodies of the North Marin Water District ("District") are open and public, as required by the Ralph M. Brown Act ("Brown Act"), Government Code Section 54950, *et seq.*, and any member of the public may observe, attend, and participate in the business of such legislative bodies; and

**WHEREAS**, on March 4, 2020, Governor Newsom declared a State of Emergency as a result of the rapid spread of the novel coronavirus disease 2019 ("COVID-19"); and

**WHEREAS**, on March 10, 2020, the Board of Supervisors of the County of Marin ratified proclamations of health and local emergency due to COVID-19; and

**WHEREAS**, on March 16, 2020, the City Council of the City of Novato ratified and confirmed a proclamation of local emergency due to COVID-19;

**WHEREAS**, on March 17, 2020, in response to the COVID-19 pandemic, Governor Newsom issued Executive Order N-29-20 suspending certain provisions of the Brown Act in order to allow local legislative bodies to conduct meetings telephonically or by other means, after which District staff implemented virtual meetings for all meetings of legislative bodies within the District; and

**WHEREAS**, on June 11, 2021, Governor Newsom issued Executive Order N-08-21, which terminated the provisions of Executive Order N-29-20 that allows local legislative bodies to conduct meetings telephonically or by other means effective September 30, 2021; and

**WHEREAS**, on September 16, 2021, Governor Newsom signed Assembly Bill 361 (2021) ("AB 361"), which amended the Brown Act to allow local legislative bodies to continue to conduct meetings by teleconference under specified conditions and pursuant to special rules on notice, attendance, and other matters; and

**WHEREAS**, AB 361 took full effect on October 1, 2021, and makes provisions under Government Code section 54953(e) for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and

**WHEREAS**, a required condition is that a state of emergency is declared by the Governor pursuant to Government Code section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the state caused by conditions as described in Government Code section 8558; and



**WHEREAS**, it is further required that state or local officials have imposed or, local officials have recommended, measures to promote social distancing, or, the legislative body must find that meeting in person would present imminent risks to the health and safety of attendees; and

**WHEREAS**, on October 5, 2021, the Board of Directors previously adopted Resolution No. 21-22, finding that the requisite conditions exist for the legislative bodies of North Marin Water District ("District") to conduct remote teleconference meetings without compliance with paragraph (3) of subdivision (b) of section 54953; and

**WHEREAS**, on November 2, 2021, the Board of Directors previously adopted Resolution No. 21-26, reaffirming the finding that the requisite conditions exist for the legislative bodies of North Marin Water District to continue to conduct remote teleconference meetings without compliance with paragraph (3) of subdivision (b) of section 54953; and

**WHEREAS**, on November 16, 2021, the Board of Directors previously adopted Resolution No. 21-27, reaffirming the finding that the requisite conditions exist for the legislative bodies of North Marin Water District to continue to conduct remote teleconference meetings without compliance with paragraph (3) of subdivision (b) of section 54953; and

**WHEREAS**, on December 7, 2021, the Board of Directors previously adopted Resolution No. 21-28, reaffirming the finding that the requisite conditions exist for the legislative bodies of North Marin Water District to continue to conduct remote teleconference meetings without compliance with paragraph (3) of subdivision (b) of section 54953; and

**WHEREAS**, on December 21, 2021, the Board of Directors previously adopted Resolution No. 21-30, reaffirming the finding that the requisite conditions exist for the legislative bodies of North Marin Water District to continue to conduct remote teleconference meetings without compliance with paragraph (3) of subdivision (b) of section 54953; and

**WHEREAS**, on January 18, 2022, the Board of Directors previously adopted Resolution No. 22-01, reaffirming the finding that the requisite conditions exist for the legislative bodies of North Marin Water District to continue to conduct remote teleconference meetings without compliance with paragraph (3) of subdivision (b) of section 54953; and

**WHEREAS**, on February 15, 2022, the Board of Directors previously adopted Resolution No. 22-04, reaffirming the finding that the requisite conditions exist for the legislative bodies of North Marin Water District to continue to conduct remote teleconference meetings without compliance with paragraph (3) of subdivision (b) of section 54953; and

**WHEREAS**, on March 15, 2022, the Board of Directors previously adopted Resolution No. 22-05, reaffirming the finding that the requisite conditions exist for the legislative bodies of North Marin Water District to continue to conduct remote teleconference meetings without compliance with paragraph (3) of subdivision (b) of section 54953; and

**WHEREAS**, on April 5, 2022, the Board of Directors previously adopted Resolution No. 22-06, reaffirming the finding that the requisite conditions exist for the legislative bodies of North Marin Water District to continue to conduct remote teleconference meetings without compliance with paragraph (3) of subdivision (b) of section 54953; and

**WHEREAS**, on May 3, 2022, the Board of Directors previously adopted Resolution No. 22-12, reaffirming the finding that the requisite conditions exist for the legislative bodies of North Marin Water District to continue to conduct remote teleconference meetings without compliance with paragraph (3) of subdivision (b) of section 54953; and

**WHEREAS**, as a condition of extending the use of the provisions found in section 54953 (e), the Board of Directors must reconsider the circumstances of the state of emergency that exists in the District, and the Board of Directors has done so; and

**WHEREAS**, emergency conditions continue to persist in the District, specifically, the State of Emergency for the State of California declared by Governor Newsom as a result of the COVID-19 pandemic remains in effect; and

**WHEREAS**, the Centers for Disease Control and Prevention ("CDC") recommends physical distancing of at least six feet from unvaccinated individuals while indoors; and

**WHEREAS**, "Protecting Workers: Guidance on Mitigating and Preventing the Spread of COVID-19 in the Workplace," promulgated by the Occupational Safety and Health Administration ("OSHA") under the United States Department of Labor, provides that "[m]aintaining physical distancing at the workplace for unvaccinated and at-risk workers is an important control to limit the spread of COVID-19" and recommends that employers train employees about the airborne nature of COVID-19 and importance of exercising multiple layers of safety measures, including physical distancing, and that employers implement "physical distancing in all communal work areas for unvaccinated and otherwise at-risk workers," including physical distancing from members of the public, as a "key way to protect such workers"; and

**WHEREAS**, Title 8, Section 3205, subdivision (c)(5)(D) of the California Code of Regulations, promulgated by the Division of Occupational Safety and Health of the California Department of Industrial Relations ("Cal/OSHA"), requires employers to provide instruction to employees on using a combination of "physical distancing, face coverings, increased ventilation indoors, and respiratory protection" to decrease the spread of COVID-19; and

**WHEREAS**, the Board of Directors recognizes the recommendations by state and local officials to use physical distancing as a layer of protection against COVID-19 and desires to continue to provide a safe workplace for its employees and a safe environment for the open and public meetings of the District's legislative bodies; and

**WHEREAS**, due to the continued threat of COVID-19, the District continues to implement multiple layers of protection against COVID-19, including physical distancing, for the safety of employees and members of the public; and

**WHEREAS**, while the District believes District work-related activities may be conducted safely in person through imposition of various safety protocols, Board meetings continue to present a unique challenge due to their being open to the public generally, with limited space in the boardroom, and no ability to verify vaccination status or to provide contact tracing for potentially exposed individual attendees; and

**WHEREAS**, the Board of Directors hereby finds that the presence of COVID-19 and the increase of cases due to the Omicron variant has caused, and will continue to cause, conditions of concern to the safety of certain persons within the District, including older and

immunocompromised individuals that are likely to be beyond the control of the services, personnel, equipment, and facilities of the District, and, therefore, continues to present imminent risks to the health or safety of attendees, including members of the public and District employees, should meetings of the District's legislative bodies be held in person; and

**WHEREAS**, as a consequence of the local emergency persisting, the Board of Directors does hereby find that the legislative bodies of North Marin Water District shall continue to conduct their meetings without compliance with paragraph (3) of subdivision (b) of Government Code section 54953, as authorized by subdivision (e) of section 54953, and that such legislative bodies shall continue to comply with the requirements to provide the public with access to the meetings as prescribed in paragraph (2) of subdivision (e) of section 54953; and

**WHEREAS**, the District will continue to conduct meetings for all meetings of legislative bodies within the District virtually (i.e. through the use of Zoom, or similar virtual meeting provider) and/or telephonically, in conformance with requirements under the Brown Act.

**THEREFORE, BE IT RESOLVED** by the Board of Directors of the North Marin Water District as follows:

1. The above recitals are true and correct and hereby incorporated into this Resolution.
2. In compliance with the special teleconference rules of Section 54953 of the Government Code, as established by Assembly Bill 361 (2021), the Board of Directors hereby makes the following findings:
  - a. The Board of Directors has considered the circumstances of the state of emergency; and
  - b. The states of emergency, as declared by the Governor, continue to impact directly the ability of the District's legislative bodies, as well as staff and members of the public, to safely meet in person;
  - c. The CDC, and Cal/OSHA continue to recommend physical distancing of at least six feet to protect against transmission of COVID-19; and
  - d. Meeting in person would continue to present imminent risks to the health and safety of members of the public, members of the District's legislative bodies, and District employees due to the continued presence and threat of COVID-19.
3. The District's legislative bodies may continue to meet remotely from May 17, 2022 through June 16, 2022 in compliance with the special teleconference rules of Section 54953 of the Government Code, as amended by Assembly Bill 361 (2021), in order to protect the health and safety of the public.
4. The Board of Directors will review these findings and the need to conduct meetings by teleconference within thirty (30) days of adoption of this resolution.

\* \* \* \* \*

I hereby certify that the foregoing is a true and complete copy of a resolution duly and regularly adopted by the Board of Directors of NORTH MARIN WATER DISTRICT at a regular meeting of said Board held on the 17th day of May 2022 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAINED:

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Theresa Kehoe, Secretary  
North Marin Water District

t:\gm\bod misc 2022\resolution meetings by teleconference 5.17.2022 final.doc

**7**

## MEMORANDUM

To: Board of Directors

Date: May 13, 2022

From: Tim Fuelle, Senior Engineer *TF*

Re: Approve Utility Agreement between Caltrans and North Marin Water District for Caltrans' West Marin Paving Project

r:\folders by job no\7000 jobs\7203 raise valves for hwy 1 paving\bod memo\stc utility agmt bod memo.doc

**RECOMMENDATION:** Authorize General Manager to execute Caltrans Utility Agreement**FISCAL IMPACT:** \$12,500 (includes \$5,000 contingency)Background

In 2023, Caltrans plans to cold-plane and overlay with asphalt concrete State Route 1 between Olema to Tomales. This work will require North Marin Water District to adjust up to forty valve covers within the construction limit of the project. Caltrans' contractor can most effectively construct the needed adjustment as part of the road construction. A Utility Relocation Agreement with the State will facilitate inclusion of this work in the State's competitively bid construction contract and ensure agencies' costs to implement this work is fair.

Fiscal Impact: The District's estimated cost for the Contractor's work is \$7,500. District staff will confirm that Contractor's work conforms to NMWD standards.

Caltrans' Utility Agreement was reviewed by District legal counsel.

RECOMMENDATION

Authorize the General Manager to execute a Caltrans Utility Agreement on behalf of the District in an amount not to exceed \$12,500, includes a \$5,000 contingency amount.

Approved by GM *ADW*Date *5/13/22*

**UTILITY AGREEMENT**

RW 13-5 (Rev. 12/2016)

Page 1 of 4

District	County	Route	P.M.	EA/ PROJECT ID
4	MRN	001	22.26/31.121 45.029/50.336	1J960 / 04-1400-0403
Fed. Aid. No. TBD (Construction)				
Owner's File:				
FEDERAL PARTICIPATION: On the Project: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (construction phase) On the Utilities: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				

**UTILITY AGREEMENT NO. 2209.1****DATE** \_\_\_\_\_

The State of California, acting by and through the Department of Transportation, hereinafter called "STATE" proposes cold plane existing pavement and overlay with asphalt concrete within the mainline; provide spot-widening for bicycle safety; provide shoulder backing to eliminate drop-off from edge of pavement; upgrade existing guardrails; replace concrete barriers; upgrade existing curb ramps and sidewalks to the current standards of the Americans with Disabilities Act (ADA); upgrade existing curbs and dikes; upgrade and install flashing beacons; replace aging cross-culverts; and upgrade drainage inlets in the , in the Towns and/or Villages of Olema, Point Reyes Station and Tomales, North Marine Water District hereinafter called "OWNER", owns and maintains thirty seven (37) water valve covers which require lowering 0.25' (3") prior to construction and raising to the new finished grade during construction to accommodate the completion of the STATE's project.

**It is hereby mutually agreed that:****I. WORK TO BE DONE**

In accordance with Notice to Owner No. 2209.1 dated April 8, 2022, the STATE shall [description of work to be done by the STATE'S contractor] as shown in the OWNER's PLAN, which will be included in STATE's Contract Plans for the Construction of the State's PROJECT along Highway 1, EA 1J960 which, by this reference, are made a part hereof. Deviations from the OWNER's plan described above initiated by either the STATE or the OWNER, shall be agreed upon by both parties hereto under a Revised Notice to Owner. Such Revised Notices to Owner, approved by the STATE and agreed to/acknowledged by the OWNER, will constitute an approved revision of the OWNER's plan described above and are hereby made a part hereof. No work under said deviation shall commence prior to written execution by the OWNER of the Revised Notice to Owner. Changes in the scope of the work will require an amendment to this Agreement in addition to the revised Notice to Owner. OWNER shall have the right to inspect the work by STATE's contractor during construction. Upon completion of the work by STATE, OWNER agrees to accept maintenance of the adjusted facilities.

**II. LIABILITY FOR WORK**

The existing facilities are located within the STATE's right of way under permit and will be adjusted to grade at OWNER's expense under the provisions of Section 673 of the Streets and Highways Code.

Total Estimate for STATE performed thirty seven (37) adjustments to grade: ..... \$7,500.00  
 Total Estimated OWNER Liability, (100%): ..... \$7,500.00  
 Total Estimated STATE Liability, (0%): ..... \$0.00

UTILITY AGREEMENT NO. 2209.1

### III. PERFORMANCE OF WORK

Use of personnel requiring lodging and meal 'per diem' expenses shall not exceed the per diem expense amounts allowed under the California Department of Human Resources travel expense guidelines. Accounting Form FA-1301 is to be completed and submitted for all non-State personnel travel per diem. Owner shall also include an explanation why local employee or contract labor is not considered adequate for the relocation work proposed.

OWNER shall have access to all phases of the adjustment to grade work to be performed by STATE, as described in Section I above, for the purpose of inspection to ensure that the work is in accordance with the specifications contained in the Highway Construction Contract; however, all questions regarding the work being performed will be directed to STATE's Resident Engineer for their evaluation and final disposition.

Prior to the commencement of work, OWNER agrees to identify damaged utility covers which require replacement of said covers. The OWNER will furnish Buy America certified replacement covers and sleeves to STATE's highway contractor at no cost to STATE.

### IV. PAYMENT FOR WORK

The OWNER shall pay its share of the actual cost of said work included in the STATE's highway construction contract within 45 days after receipt of STATE's bill, compiled on the basis of the actual bid price of said contract. The estimated cost to OWNER for the work being performed by the STATE's highway contractor is \$6,000.00.

It is understood and agreed that the STATE will not pay for any betterment or increase in capacity of OWNER's adjusted facilities.

The STATE shall submit a final bill to the OWNER within 360 days after the completion of the work described in Section I above. If the OWNER has not received a final bill within 360 days after notification of completion of work described in Section I of this Agreement, , OWNER may provide written notification to STATE of its intent to close its file within 90 days and STATE hereby acknowledges, to the extent allowed by law, that all remaining costs will be deemed to have been abandoned.

The final billing shall be in the form of an itemized statement of the total costs charged to the project, less the credits provided for in this Agreement, and less any amounts covered by progress billings. However, the OWNER shall not pay final bills which exceed the estimated cost of this Agreement without documentation of the reason for the increase of said cost from the STATE. If the final bill exceeds the STATE's estimated costs solely as the result of a revised Notice to Owner as provided for in Section I, a copy of said revised Notice to Owner shall suffice as documentation.

In any event if the final bill exceeds 125% of the estimated cost of this Agreement, an Amended Agreement shall be executed by the parties to this Agreement prior to the payment of the STATE'S final bill. Any and all increases in costs that are the direct result of deviations from the work described in Section I of this Agreement shall have the prior concurrence of OWNER.

Detailed records from which the billing is compiled shall be retained by the STATE for a period of three years from the date of the final payment and will be available for audit by OWNER, State and/or Federal auditors. In performing work under this Agreement, STATE agrees to comply with the Uniform System of Accounts for Public Utilities found at 18 CFR, Parts 101, 201, et al., to the extent they are applicable to OWNER doing work on the project that is the subject of this agreement, the contract cost principles and procedures as set forth in 48 CFR, Chapter 1, Subpart E, Part 31, et seq., 23 CFR, Chapter 1, Part 645 and 2 CFR, Part 200, et a l. If a subsequent OWNER, State and/or Federal audit determines payments to be unallowable, STATE agrees to reimburse OWNER and/or AGENCY upon receipt of OWNER and/or AGENCY billing.



UTILITY AGREEMENT NO. 2209.1

**V. GENERAL CONDITIONS**

All costs accrued by OWNER as a result of STATE's request September 9, 2021 to review, study and/or prepare plans and estimates for the work associated with this Agreement may be billed pursuant to the terms and conditions of this Agreement.

If STATE's project which precipitated this Agreement is canceled or modified so as to eliminate the necessity of work, STATE will notify OWNER in writing and STATE reserves the right to terminate this Agreement by Amendment. The Amendment shall provide mutually acceptable terms and conditions for terminating the Agreement.

STATE shall submit a Notice of Completion to the OWNER within 90 days of the completion of the work described herein.

It is understood that said highway is a Federal aid highway and accordingly, 23 CFR, Chapter 1, Part 645 is hereby incorporated into this Agreement.

In addition, the provisions of 23 CFR 635.410, Buy America, are also incorporated into this agreement. The Buy America requirements are further specified in Moving Ahead for Progress in the 21st Century (MAP-21), section 1518: 23CFR635.410 requires that all manufacturing processes have occurred in the United States for steel and iron products (including the application of coatings) installed on a project receiving funding from the FHWA.

OWNER understands and acknowledges that this project is subject to the requirements of the Buy America law (23 U.S.C., Section 313) and applicable regulations, including 23 CFR 635.410 and FHWA guidance. OWNER hereby certifies that in the performance of this Agreement, for products where Buy America requirements apply, it shall furnish STATE's highway contractor only such products for which it has received a certification from its supplier, or provider of construction services that procures the product certifying Buy America compliance. This does not include products for which waivers have been granted under 23 CFR 635.410 or other applicable provisions or excluded material cited in the Department's guidelines for the implementation of Buy America requirements for utility relocations issued on December 3, 2013.

If, in connection with performance of the Work hereunder, STATE supplies any materials that are subject to the Buy America Rule, STATE acknowledges and agrees that STATE shall be solely responsible for satisfying any and all requirements relative to the Buy America Rule concerning the materials thus supplied (including, but not limited to, ensuring and certifying that said materials comply with the requirements of the Buy America Rule).

STATE further acknowledges that OWNER, in complying with the Buy America Rule, is expressly relying upon the instructions and guidance (collectively, Guidance) issued by Caltrans and its representatives concerning the Buy America Rule requirements for utility relocations within the State of California. Notwithstanding any provision herein to the contrary, OWNER shall not be deemed in breach of this Agreement for any violations of the Buy America Rule if OWNER's actions are in compliance with the Guidance.

**IN WITNESS WHEREOF, the above parties have executed this Agreement the day and year above written.**

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

OWNER:  
NORTH MARIN WATER DISTRICT

By: \_\_\_\_\_  
JULIE MCDANIEL Date  
Deputy District Director, Right of Way

By: \_\_\_\_\_  
Date

APPROVAL RECOMMENDED:

By: \_\_\_\_\_  
JOHN CARLSTON Date  
ACTING District Office Chief

By: \_\_\_\_\_  
KEANNA C. LEVY Date  
District Branch Chief

UTILITY AGREEMENT NO. 2209.1

THIS AGREEMENT WILL NOT BE EXECUTED BY THE STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION UNTIL FUNDS ARE CERTIFIED.

PLANNING AND MANAGEMENT COMPLETES EXCEPT SHADED COLUMNS

UTILITY COMPLETES:

CT DOCUMENT	EVENT TYPE	DEPT	UNIT	PROJECT ID	PHASE	REPORTING	OBJ CODE	BFY	DOLLAR AMOUNT
									\$

EA FUNDING VERIFIED:

Sign:&gt;

Print:&gt;

Date

REVIEW/REQUEST FUNDING:

Sign:&gt;

 Print:> LATORYA YOUNG  
Utility Coordinator

Date

THE ESTIMATED COST TO THE STATE FOR ITS SHARE OF THE ABOVE-DESCRIBED WORK IS \$26,000.00 (Work is be performed in Construction, phase 4. There are no phase 9 obligations associated with this agreement.)

**CERTIFICATION OF FUNDS**

I hereby certify upon my own personal knowledge that budgeted funds are available for the period and purpose of the expenditure shown here.

FUND TYPE	PROJECT ID	AMOUNT
Design Funds		\$ 0.00
Construction Funds		\$ 7,500.00
R/W Funds		\$ 0.00

HQ Accounting Office

Date

ITEM	CHAP	STAT	FY	AMOUNT

Distribution: 2 originals to R/W Accounting  
1 original returned to Utility Owner  
1 original to Utility File

8

## MEMORANDUM

To: Board of Directors

May 13, 2022

From: Ryan Grisso, Water Conservation Coordinator *RL*

Subject: Approve Text for Spring 2022 Novato "Waterline", Issue 48

V:\Memos to Board\Spring 2022 Novato Waterline Text.doc

**RECOMMENDED ACTION:** Approve Spring 2022 Novato "Waterline" Text**FINANCIAL IMPACT:** \$9,000 (Included in FY 2021/2022 Budget)

Draft text and design for the Spring 2022 Novato "Waterline", Issue 48 is attached for your review. This issue focuses on the continuing drought and includes a General Manager message on the current situation, and also includes a summary of the continuing water-use prohibitions for 2022, information on the water supply enhancement studies, water conservation program offerings to the customers, the Watersmart AMI Portal access, the Low-Income Rate Assistance Program and the Recycled Water Fill Station. Should any Board member have individual comments please provide them to the General Manager at the Board meeting on May 17, 2022. It is expected the Novato "Waterline" will be mailed in late May 2022.

RECOMMENDATION

Board authorize General Manager to approve final text and design of Spring 2022 Novato "Waterline", Issue 48.

Approved by GM *RL*Date *5/13/22*

# Recycled Water Fill Station

This program provides clean, safe, tertiary-treated recycled water to residential customers to pick up at a select location and time, to be used for hand-watering of outdoor plants.

The program is offered at set times and locations. There is an annual application fee of \$75. Please visit [nmwd.com](http://nmwd.com) for more information.

**The Recycled Water Fill Station will be open on Fridays from 9am – 1pm beginning on April 15th.**

PRSR STD  
US POSTAGE  
PAID  
UNICORN GROUP  
ECRWSS

POSTAL CUSTOMER

## Access Your Water Use

A WaterSmart portal was developed as a part of the new AMI (Advanced Metering Infrastructure) system, and we encourage you to sign up and log in to get acquainted with the system and learn more about your water use. The portal gives customers access to hourly water use data and the ability to set up alerts for high use and leak events.

Please visit the District's website at [nmwd.com](http://nmwd.com) to learn more about accessing the WaterSmart portal (and online bill pay). If you experience any issues registering or logging in to the WaterSmart portal, please call 415-897-4133, and a staff member can guide you through the process.



For more info visit [nmwd.com/drought](http://nmwd.com/drought)



## Drought Is Here. Save Water.



NORTH MARIN  
WATER DISTRICT

# The Waterline

Novato Service Area Newsletter | Issue 48



## Drought Is Here. Save Water.

Tony Williams, General Manager

We are in a three-year drought and are asking Novato residents to continue to do their part to save water with a 20% water reduction goal. Despite an impressive early winter rainfall, the total through April, 2022 is 25% below average at 20 inches. Fortunately, year-to-date rainfall has been sufficient to generate runoff into Stafford Lake. This runoff combined with back-feeding of Russian River water into the Lake has increased capacity from a low of 28% in early October, 2021 to just over 77% through April, 2022.

Sonoma County Water Agency's (SCWA) Russian River water delivery system typically provides 70-80% of our annual supply from Lake Sonoma. However, through the end of April, Lake Sonoma water level is only 58% of capacity, meaning reduced deliveries to North Marin Water District and other contractors by a minimum of 20% this summer - for the second year in a row.

On October 19, 2021 the board adopted a second Amended Emergency Water Conservation Ordinance No. 41. This extends the non-essential water use prohibitions, suspension of new connections and the drought surcharge past November 1, 2021, including the stage 2 mandate for 20% reduction in water use to be achieved with non-essential water use prohibitions. The drought surcharge will continue until the board declares Stage 2 conditions have ended.

Percentage reductions are based on the Novato Service Area as a whole and are not an individual ration of your water use. Reductions can be



achieved by eliminating water waste and non-essential usage, and by reducing water applied to landscaped areas.

Our Mediterranean climate results in year-to-year rainfall fluctuations. One of our strategic goals is to increase local supply and long-term supply reliability. North Marin Water District is participating in a Regional Water Supply Resiliency Study with SCWA to address this goal. We have also undertaken the largest capital improvement project in the District's history, in partnership with Novato and Las Gallinas Valley Sanitary Districts, to increase our drought-proof recycled water supply from 2% of our summer water needs to over 10%.

In 2019, North Marin Water District became one of the first California water districts to convert 100% of its water meters from manually-read mechanical units to electronic units that offer hourly usage reporting. Visit our website on how to use the new WaterSmart portal to monitor your water use.



## Drought 2022: Summary of Prohibitions

- Gutter flooding (unreasonable irrigation overspray or irrigation run-off onto pavement, down a gutter, ditch or other drain).
- Failure to repair a controllable leak of water within a reasonable time.
- Washing privately-owned motor vehicles, trailers and boats except from a bucket and hose equipped with an automatic shut-off nozzle for a quick rinse.
- Washing down exterior paved areas.
- Refilling an existing pool drained after July 1, 2021 or initial filling of a new pool after July 1, 2021.
- Overhead/above ground irrigation is only allowed 3 days/week:
  - Odd-numbered addresses can irrigate on: Monday, Wednesday and Friday
  - Even-numbered addresses can irrigate on: Tuesday, Thursday and Saturday
- Overhead/above ground irrigation is only allowed during the hours of 7pm to 9am.
- Customers using more than 300 gallons per day who wish to use overhead/above ground irrigation must maintain a 20% reduction in water use compared to 2020. Unsure if you meet the 20% reduction requirement or use less than 300 gallons per day? Check your WaterSmart portal at nmwd.com

This list serves only a summary of the water use prohibitions in Emergency Water Conservation Ordinance 41. For the full list of prohibitions, please visit nmwd.com. For questions on the water use prohibitions or to report a violation, call 415-761-8944 or email [waterconserve@nmwd.com](mailto:waterconserve@nmwd.com)



## Water Smart Savings Program

North Marin Water District wants to help customers use water efficiently. The Water Smart Savings Program encompasses all you need to get started on saving water and saving money. Call 415-761-8944 for program participation details or visit [nmwd.com](http://nmwd.com)

### Water Smart Mulch Rebate

Mulch purchase and installation can be rebated at 50% of the cost of approved mulch materials, up to \$200 (increased during this drought period).

### Cash for Grass Rebate - Increased Incentive!

Get cash for removing irrigated and maintained lawn and replacing it with low water use plants - up to \$100 per 100 square feet now available. Pre-qualification is required.

### Water Smart Home Survey

This free service includes thorough indoor and outdoor water efficiency checks. Virtual surveys or phone guidance offered at this time.

### Water Smart Landscape 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 replacement pool covers.

### High-Efficiency Clothes Washer Rebate

A rebate is offered when purchasing a qualifying high-efficiency clothes washer.

### Rainwater Catchment Rebate

Rebate for collection and storage of rainwater.

### High-Efficiency Toilet Rebate

Customers replacing an old water-guzzling toilet with a high-efficiency one may be eligible for a rebate.

### Weather-Based Irrigation Controller Rebate

Rebate for weather-based irrigation 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.

## Water Supply Enhancement Studies

The District has conducted a Local Water Supply Enhancement Study which has considered numerous options to develop new local water sources. The goal is to ensure the District has a solid, resilient strategy for sustainable water supply to minimize the impacts of future droughts.

In addition, the District has also participated in a Regional Water Supply Resiliency Study to identify potential new supply projects with our neighbors. This study is in collaboration with eight other water suppliers that receive water from the Russian River and the Sonoma County Water Agency and is scheduled for completion in Summer 2022.

For more information on both of these studies, visit [nmwd.com/save-water/new-water-supplies](http://nmwd.com/save-water/new-water-supplies)



## Low Income Rate Assistance (LIRA) Program

Julie Blue, Auditor/Controller

Save up to  
\$90 a year.

This program is available to eligible low-income customers and provides a credit on a two-month billing cycle of \$15 per bill or \$90 per year.

A direct water customer who has a single-family residential account and is eligible for PG&E's income-based CARE program is eligible for the District's LIRA Program. Once approved the discount would apply to your next billing cycle.

To request an application or for further information call our billing department at 415-897-4133 or visit the website at [nmwd.com/lira](http://nmwd.com/lira)

**Pay your bills online.** Visit [onlinebiller.com/nmwd](http://onlinebiller.com/nmwd)




9

## MEMORANDUM

To: Board of Directors

May 13, 2022

From: Tony Williams, General Manager 

Subject: Exception to CalPERS 180-Day Wait Period Requirement for Retiring Employee

T:\GMAgreements\Consultants\BOD McIntyre consulting service memo.docx

**RECOMMENDED ACTION:** Approve Exception to CalPERS 180-Day Wait Period Requirement for Retiring General Manager

**FINANCIAL IMPACT:** \$113.53/hour (total hours dependent on hours provided)

Drew McIntyre had close to 24 years of service with North Marin Water District in the roles of Chief Engineer and General Manager and retired on May 3, 2022. The General Manager position is a critical position, and effective May 4, 2022, the District promoted Tony Williams, to the General Manager, from Assistant General Manager/Chief Engineer.

Drew McIntyre possesses specialized skills and unique knowledge of District operations and facilities, and will assist with projects such as the close out of the Aqueduct Energy Efficiency Project with Caltrans and continued negotiations on the Potter Valley Project. Additionally, due to Drew McIntyre's length of service and extensive understanding of the District's systems, processes, procedures and practices he will continue to be an as needed advisor to the new General Manager for overall training and assistance with overflow work.

CalPERS retirees are required to wait 180-days after retirement before accepting temporary employment with a CalPERS agency. However, applicable CalPERS regulations provide an exception to the 180-day rule for extra help in critical positions or projects where an annuitant possesses specialized skills. This exception will allow immediate appointment of an annuitant to an annuitant-designated extra help position with a Board-approved Resolution certifying the exception.

Pursuant to Government Code, sections 7522.56 & 21224, Attachment 1 is Resolution No. 22-XX, titled A Resolution of the North Marin Water District Board for Exception to the 180-day Wait Period for Hiring Retiree, and Attachment 2 is an Employment Offer letter to Drew McIntyre, personnel appointment paperwork. This board memo and related attachments have been reviewed by legal counsel to ensure compliance with CalPERS requirements.

**RECOMMENDATION:**

- 1) Approve the attached resolution for exception to the 180-day wait period for hiring a retiree; and
- 2) Authorize the District to utilize the expertise of Drew McIntyre on an as needed basis, at an hourly rate of \$113.53.



**RESOLUTION NO. 22-XX**

**A RESOLUTION OF THE NORTH MARIN WATER DISTRICT  
FOR EXCEPTION TO THE 180-DAY WAIT PERIOD FOR HIRING RETIREE  
(Government Code Sections 7522.56 & 21224)**

**WHEREAS**, in compliance with Government (Gov.) Code section 7522.56 of the Public Employees "Retirement Law, the Board of Directors (Board) of North Marin Water District (District) must provide CalPERS this certification resolution when hiring a retiree before 180 days has passed since their retirement date; and

**WHEREAS**, Drew McIntyre (CalPERS ID #6310424109) (Annuitant) retired from North Marin Water District in the position of General Manager, effective May 3, 2022 and

**WHEREAS**, Government Code section 7522.56 requires that post-retirement employment commence no earlier than 180 days after the retirement date, which is November 1, 2022, without this certification resolution; and

**WHEREAS**, Government Code section 7522.56 provides that this exception to the 180-day wait period shall not apply if the retiree accepts any retirement-related incentive; and

**WHEREAS**, the Board, the District and the Annuitant certify that the Annuitant has not and will not receive a Golden Handshake or any other retirement-related incentive; and

**WHEREAS**, the Board hereby appoints Drew McIntyre as an extra help retired annuitant to perform the duties of Special Advisor to the General Manager for the District under Government Code section 21224 effective June 1, 2022; and

**WHEREAS**, the entire employment agreement/contract/appointment document between the Annuitant and the District has been reviewed by the Board and District and is attached herein; and

**WHEREAS**, no matters, issues, terms or conditions related to this employment and appointment have been or will be placed on a consent calendar; and

**WHEREAS**, the employment shall be limited to 960 hours per fiscal year for all CalPERS employers; and

**WHEREAS**, the compensation paid to the retirees cannot be less than the minimum nor exceed the maximum monthly base salary paid to other employees performing comparable duties, divided by 173.333 to equal the hourly rate; and

**WHEREAS**, the maximum and minimum monthly base salary for this position is \$19,679 and the hourly equivalent is \$113.53; and

**WHEREAS**, the hourly rate paid to the Drew McIntyre will be \$113.53; and

**WHEREAS**, the Annuitant has not and will not receive any other benefit, incentive, compensation in lieu of benefit or other form of compensation in addition to this hourly pay rate; and

**NOW, THEREFORE, BE IT RESOLVED** that the Board of Directors of the North Marin Water District hereby certifies the nature of employment of Drew McIntyre as described herein and detailed in the attached employment agreement/contract/appointment document and that this appointment is necessary to fill the critically needed position of Special Advisor to the General Manager for the North Marin Water District by June 1, 2022 to assist with special pending projects and extra help as needed:

**PASSED AND ADOPTED** at a regular meeting of the Board of Directors of the North Marin Water District, California, held on May 17, 2022 by the following vote:

\* \* \* \* \*

I hereby certify that the foregoing is a true and complete copy of a resolution duly and regularly adopted by the Board of Directors of NORTH MARIN WATER DISTRICT at a regular meeting of said Board held on the 17th of May 2022, by the following vote:

AYES:  
NOES:  
ABSENT:  
ABSTAINED:

---

Terrie Kehoe, District Secretary  
North Marin Water District

(SEAL)



999 Rush Creek Place  
P.O. Box 146  
Novato, CA 94948-0146

PHONE  
415-897-4133

EMAIL  
[info@nmwd.com](mailto:info@nmwd.com)

WEB  
[www.nmwd.com](http://www.nmwd.com)

May 11, 2022

Dear Mr. McIntyre:

It is my pleasure to confirm your appointment into a limited duration, retired annuitant position as a Special Advisor to the General Manager, effective June 1, 2022. Under California Government Code section 7522.56(b), as a retiree of the California Public Employees' Retirement System (CalPERS), you may serve, without reinstatement from retirement from CalPERS, upon appointment by a public employer either during an emergency to prevent stoppage of public business, or because you have skills needed to perform work of limited duration. As we have discussed, in light of the current needs at the District, you possess the requisite skills to provide extra help for this limited duration assignment.

In compliance with applicable laws, your hourly rate will be \$113.53, and you will not accrue service credit or any additional retirement rights or District benefits, such as medical, dental, vision, etc. Without exception, you are limited to working a maximum of 960 hours within a fiscal year among all public employers (July 1 to June 30). You are solely responsible for keeping track of the total number of hours worked, and you must promptly notify the District if you are approaching the 960 hour maximum each and every fiscal year of your employment with the District.

Further, you have represented to the District, and the District relies on your representation, that you have not received any unemployment insurance payments within the 12 months prior to this appointment for previous retired annuitant work with any CalPERS employer. Should you have any questions regarding your employment as a retired annuitant, please contact CalPERS at (888) 225-7377.

Lastly, to comply with Government Code sections 7522.56 and 21224, this offer of employment is contingent upon the District's Board of Directors approval at its upcoming May 17, 2022 meeting, where this matter will be agendized and considered as a public meeting subject to the Board's finding that this appointment is necessary to fill the critically needed position of Special Advisor to the General Manager to assist with special pending projects and extra help as needed.

Again, thank you for offering your expertise to assist the District. We look forward to working with you!

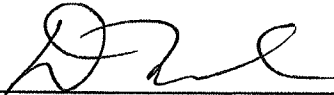
Sincerely,

A handwritten signature in blue ink, appearing to read "Tony Williams", is written over a light blue circular background.

Tony Williams, P.E.  
General Manager

ACKNOWLEDGEMENT

I have read, understood, and agree to the above noted hiring arrangements and conditions, and I further certify that my representations to the District, as memorialized above, are true, complete, and correct.



DREW MCINTYRE

5/12/2022

Date

cc: Human Resources

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## MEMORANDUM

To: Board of Directors

From: Tony Arendell, Construction Superintendent *TA*

Subject: Contract Extension for NMWD Trench Restoration Paving  
K:\CONST SUP\2022\Memos\Paving BOD Memos\Paving Contract Extension BOD Memo 5-17-22.doc

May 13, 2022

**RECOMMENDED ACTION:** Board direct staff to either:

1. prepare an extension of the trench restoration paving contract with W.K. McLellan Company based on current unit prices provided, OR
2. survey the market and solicit bids.

**FINANCIAL IMPACT:** None at this time (estimated at \$400,000)

W.K. McLellan Company (McLellan) has been the District's contractor for trench restoration work since 1997. Their contract has been approved by the Board several times, in addition to two contract extensions, over the years since the original contract approval. McLellan has stated that they will have to revise their pricing for FY22/23.

Annual billings to McLellan for FY22/23 are estimated to be approximately \$400,000. Annual costs for this work over the last seven years are summarized in Table 1. To execute the work, task orders are issued monthly for trench areas to be paved at the approved unit pricing.

TABLE 1

YEAR	BILLINGS
FY13-14	\$149,221
FY14-15	\$234,723
FY15-16	\$295,616
FY16-17	\$173,868
FY17-18	\$201,489
FY18-19	\$378,143
FY19-20	\$258,679
FY20-21	\$390,529

McLellan has had an excellent working relationship with NMWD, City of Novato, and Marin County and they go out of their way to ensure that the District's paving needs are met. The quality of McLellan's work has been excellent and there have been very few complaints from City or County staff or customers on the workmanship or longevity of trench restoration paving.

**RECOMMENDATION**

Board direct staff to either:

1. prepare an extension of the trench restoration paving contract with W.K. McLellan Company based on current unit prices provided, OR
2. survey the market and solicit bids.

ITEM	BID DESCRIPTION	MCLELLAN CURRENT PRICING	MCLELLAN PROPOSED PRICING
1.	<u>EXCAVATE, PRIME AND RESURFACE 2-INCH GRIND AND PAVE</u>		
	a) 0-1000 square feet	\$8.40	\$9.24
	b) 1000-2500 square feet	\$8.40	\$9.24
	c) 2500-5000 square feet	\$8.40	\$9.24
2.	<u>EXCAVATE, PRIME AND RESURFACE WITH 4-INCH ASPHALT CONCRETE</u>		
	a) 0-29 square feet	\$10.58	\$11.64
	b) 30-99 square feet	\$10.58	\$11.64
	c) 100-499 square feet	\$10.31	\$11.34
	d) Excess of 500 square feet	\$10.07	\$11.08
3.	<u>EXCAVATE, PRIME AND RESURFACE WITH 6-INCH ASPHALT CONCRETE</u>		
	a) 0-29 square feet	\$12.64	\$13.90
	b) 30-99 square feet	\$12.35	\$13.59
	c) 100-499 square feet	\$12.05	\$13.26
	d) Excess of 500 square feet	\$11.76	\$12.94
4.	<u>EXCAVATE, PRIME AND RESURFACE WITH 8-INCH ASPHALT CONCRETE</u>		
	a) 0-29 square feet	\$16.46	\$18.11
	b) 30-99 square feet	\$16.46	\$18.11
	c) 100-499 square feet	\$16.46	\$18.11
	d) Excess of 500 square feet	\$16.46	\$18.11
5.	<u>EXCAVATE, PRIME AND RESURFACE WITH 12-INCH ASPHALT CONCRETE</u>		
	a) 0-100 square feet	\$21.17	\$23.29
	c) 100-499 square feet	\$21.17	\$23.29
	d) Excess of 500 square feet	\$21.17	\$23.29
6.	<u>VALVES</u>		
	Includes a 3'x3' patch		
	Installing of aluminum ring in valve riser		
	Rising to grade	\$175.00	\$300.00
	<u>Cast- in- Place Concrete</u>		
7.	4" Sidewalk / sf.	\$15.90	\$17.49
8.	6" Sidewalk / sf.	\$19.20	21.12
9.	<u>Dowels / ea.</u>	\$9.60	\$10.56
10.	<u>Curb and Gutter / lf.</u>	\$66.00	\$72.60


Note: Striping will be billed separately with 5% mark up.  
 Compaction tests will be billed separately with 5% mark up.  
 Traffic Control will be billed separately with 5% mark up.

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## MEMORANDUM

To: Board of Directors

From: Tony Williams, GM / Acting Chief Engineer 

Subject: FY2021/22 Third Quarter Progress Report – Engineering Department  
R:\CHIEF ENGWILLIAMS\BUDGETS\FY21-22\3rd Quarter\3rd Qtr FY21-22 BOD MemoDRAFT.doc

May 13, 2022

**RECOMMENDED ACTION:** Information Only

**FINANCIAL IMPACT:** None

The primary purpose of this memorandum is to provide a status report to the Board on the District's performance in completing budgeted FY2021/22 Capital Improvement Projects (CIPs) in Novato and West Marin (including Oceana Marin) service territories as well as an overview of Special Studies managed by the Engineering Department. The memorandum also provides a summary of the total Engineering labor hours expended for both CIP and Developer projects.

There continues to be a significant number of developer projects either in design or in construction in FY2021/22 which continue to have an overall impact on the District's ability to execute the planned CIP projects based on current staffing. On average, the Department continues to receive approximately five planning-level or building permit project referrals each week. As of the third quarter, there were 12 active developer projects managed by the Engineering Department.

A summary of the District's CIP expenditures for all service areas, including several "placeholder" budget line items such as "Other Main/Pipeline Replacements" that are used as the need arises through the course of the fiscal year is provided in Table 1.

**Table 1 - CIP Cost Summary**

Service Areas	CIP Project Costs (\$)		% Complete (3 <sup>rd</sup> Qtr)	
	Budget (\$)	Actual (\$)	Planned	Actual
Novato Water	8,475,000	2,329,295	50	30
Novato Recycled	100,000	29,475	50	50
West Marin (including OM)	2,675,000	413,289	35	35
<b>TOTAL</b>	<b>11,250,000</b>	<b>2,772,059</b>	<b>45</b>	<b>31</b>

A summary of the various Special Studies undertaken by the Engineering Department is provided in Table 2. These studies have required significant Engineering Department resources, use of outside consultants, as well as time and effort from key Operations and Construction staff.

**Table 2 - Costs of Special Studies**

Study Name	Costs (\$)		% Complete (3 <sup>rd</sup> Qtr)	
	Budget (\$)	Actual (\$)	Planned	Actual
Local Water Supply Enhancement Study	\$225,000	\$202,496	75%	80%
Kastania Pump Station Rehabilitation (MMWD)	\$0	\$68,937	95%	90%
Recycled Water Program Strategy	\$0	\$8,944	100%	100%
STP Corrosion Assessment*	\$20,000	\$21,012	-	75%
Gateway Commons Backflow Study	\$0	\$4,596	-	25%

\*also listed in Table 3

In addition to the formal studies identified above, Engineering staff as well as key staff from other Departments are involved in significant projects led by external agencies such as the County-wide Plan updates to the Housing and Safety Elements, development of the former Coast Guard Housing site in Point Reyes Station and a wastewater treatment feasibility study for Dillon Beach (both County of Marin). These efforts are not currently established District projects under the CIP program but may result in future ones.

#### Performance Status for CIP

A total of twenty-four (24) CIPs were originally budgeted in FY2021/22 for the Novato, West Marin Water and Oceana Marin (OM) service areas; but, as of the third quarter of the fiscal year, sixteen (17) new projects were added, and six (6) were carried over from the prior year, for a total of forty-seven (47) projects. Of these 47 projects, 36 are under the lead responsibility of the Engineering Department for completion (28 in Novato and 8 in West Marin). The remaining projects are under the responsibility of the other departments but in general there is continuous collaboration between the various departments. A summary and status of all 47 projects (32 Novato, 3 Recycle and 12 West Marin), including annual placeholder projects that may not have been implemented is provided in Table 3.

**Table 3 - Novato Service Area**

DESCRIPTION	PROJECT COSTS As of Mar 31, 2021		% COMPLETE	
	Budget	Actual	Forecast	Actual
<i>Replace 12" CI Pipe-Grant Ave (785 lf)</i>	\$0	\$2,920	100	100
<i>Replace 6" ACP Pipe (810') Glen Rd</i>	\$0	\$27,808	100	100

Table 3 - Novato Service Area				
DESCRIPTION	PROJECT COSTS As of Mar 31, 2021		% COMPLETE	
	Budget	Actual	Forecast	Actual
Novato Blvd Widening Diablo to Grant	\$200,000	\$46,159	20	23
<b>Remove/Replace 12" Valves-Center Rd</b>	<b>\$0</b>	<b>\$0</b>	<b>50</b>	<b>5</b>
<b>Replace 12" CI Pipe on Olive Ave (~875lf)</b>	<b>\$0</b>	<b>\$0</b>	-	-
<b>Replace Plastic TW &lt;4" – Alameda del Prado</b>	<b>\$0</b>	<b>\$0</b>	-	
San Mateo Transmission Pipeline (1,500')	\$850,000	\$11,175	<b>10</b>	<b>5</b>
<i>Replace PB-Blackpoint*</i>	\$0	\$2,551	100	100
<b>Repl PB – Leveroni, Tyler (3)</b>	<b>\$0</b>	<b>\$5,204</b>	-	<b>10</b>
<b>Repl PB – Pacheco Valle HOA</b>	<b>\$0</b>	<b>\$28,782</b>	-	<b>100</b>
<i>MSN B2 Utility Agreement Costs</i>	\$0	\$12,400	-	-
Detector Check Assembly Repair/Replace	\$100,000	\$27,082	50	27
Anode Installations	\$10,000	\$0	-	-
San Marin Aqueduct Valve Pit (STP to Zone 2)	\$150,000	\$13,219	50	9
Rehab Black Pt Pressure Regulating Station	\$25,000	\$4,719	50	19
Rehab Harbor Dr Pressure Regulating Station	\$25,000	\$0	10	0
<b>Frosty Lane Intertie Ball Valve Upgrade</b>	<b>\$0</b>	<b>\$0</b>	-	-
<b>Large Commercial Water Meter Replacements</b>	<b>\$0</b>	<b>\$6,271</b>	-	<b>15</b>
Office and Laboratory Renovation	\$3,475,000	\$1,065,934	15	25
Dam Concrete Repair	\$50,000	\$0	0	0
Leveroni Creek Embankment Repair	\$175,000	\$28,972	25	17
STP – Chemical System Upgrades	\$75,000	\$1,841	50	2
Filter Underdrain/Media R&R	\$20,000	\$0	-	-
<i>STP – High Service Pump #3 Replacement</i>	\$0	\$73,322	-	100
<b>STP- High Service PS Pipe Repair</b>	<b>\$0</b>	<b>\$10,808</b>	-	<b>100</b>
<b>STP Corrosion Assessment</b>	<b>\$0</b>	<b>\$21,012</b>	-	<b>75</b>
Old Ranch Rd Tank No. 2	\$1,600,000	\$830,302	85	65
Hydro-pneumatic Tank Repairs	\$130,000	\$57,782	75	50
Lynwood Pump Station Motor Control Center	\$525,000	\$427	15	0
Crest PS Design/Construct, Rel. School Rd PS	\$375,000	\$22,444	10	6
<b>Trumbull PS/Replace Discharge Flange</b>	<b>\$0</b>	<b>\$13,634</b>	-	<b>100</b>
<b>Crest Tank Radio Building-Roof</b>	<b>\$0</b>	<b>\$14,547</b>	-	<b>100</b>
Various Placeholder Line Items	\$690,000	-	-	-
Subtotal (Novato)	\$8,475,000	\$2,329,295	50	30
RW Replace CI on Atherton Ave (1320 lf)	\$50,000	\$0	100	0
<b>RW Carwash Retrofit -128 Vintage Way</b>	<b>\$0</b>	<b>\$3,442</b>	-	<b>10</b>
<b>RW Truck Filling Load Expansion 2021</b>	<b>\$0</b>	<b>\$26,033</b>	-	<b>100</b>

Table 3 - Novato Service Area				
DESCRIPTION	PROJECT COSTS As of Mar 31, 2021		% COMPLETE	
	Budget	Actual	Forecast	Actual
Subtotal (Recycled Water)	\$100,000	\$29,475	50	50
Recycled Water Placeholder	\$50,000			
<b>Total Novato and Recycled Water</b>	<b>\$8,575,000</b>	<b>\$2,358,770</b>	<b>35%</b>	<b>28%</b>

\*project renamed.

Table 3 - West Marin Service Area				
DESCRIPTION	PROJECT COSTS As of Dec 31, 2021		% COMPLETE	
	Budget	Actual	Forecast	Actual
<b>West Marin Water System Improvements</b>				
<i>Replace PRE Tank #4A</i>	\$0	\$71,183	-	100%
New Gallagher Well #2	\$631,000	\$224,875	50	36
Gallagher Ranch Streambank Stabilization	\$4,000	\$2,303	100	100
Lagunitas Ck Bridge Pipeline Repl (Caltrans)	\$400,000	\$22,748	-	10
<b>Silver Hills Culvert Replacement</b>	<b>\$0</b>	<b>\$44,226</b>	<b>-</b>	<b>100</b>
<b>Raise Valves for Hwy 1 Paving</b>	<b>\$0</b>	<b>\$8,549</b>	<b>-</b>	<b>10</b>
WM Placeholder – PB replacement	\$50,000		-	-
Subtotal (West Marin)	\$1,085,000	\$374,296	65	34
<b>Oceana Marin Sewer System</b>				
Infiltration Repair	\$40,000	\$31,350	100	100
Tahiti Way Lift Pump 1 Assembly	\$100,000	\$2,152	75	2
OM Treatment Pond Rehabilitation	\$1,450,000	\$3,008	-	0
OM Treatment Pond Rehab – Grant Management*	\$0	\$2,483	-	-
<b>Replace OM Generator</b>	<b>\$0</b>	<b>\$0</b>	<b>-</b>	<b>-</b>
Subtotal (Oceana Marin)	\$1,590,000	\$38,993	50	30
<b>Total West Marin</b>	<b>\$2,675,000</b>	<b>\$413,289</b>	<b>35</b>	<b>35</b>

Table Notes:

Carry forward projects in italics

New projects added (**indicated in bold**)

Line items in gray font are placeholders (only total budget shown)

\*required for tracking grant-funded management costs

Of the total 32 Novato Service Area CIP projects, twenty (20) are currently active, including Old Ranch Road Tank No. 2 which is under construction and approximately 65% complete. The project design is completed for two major projects: San Mateo Tank 24-inch

Transmission Line, and the Crest Pump Station and FEMA grant applications have been submitted for these two projects. Significant progress on the engineering evaluations and design effort was made on the Black Point Pressure Regulating Station, Hydropneumatic Tank Repairs, and the Novato Boulevard Widening projects this quarter. The Office and Laboratory Renovation project was advertised for construction this quarter. The addition of new projects added in throughout the first three quarters of the fiscal year has impacted the initiation of work on other budgeted projects but the Engineering Department strives to effectively prioritize the projects.

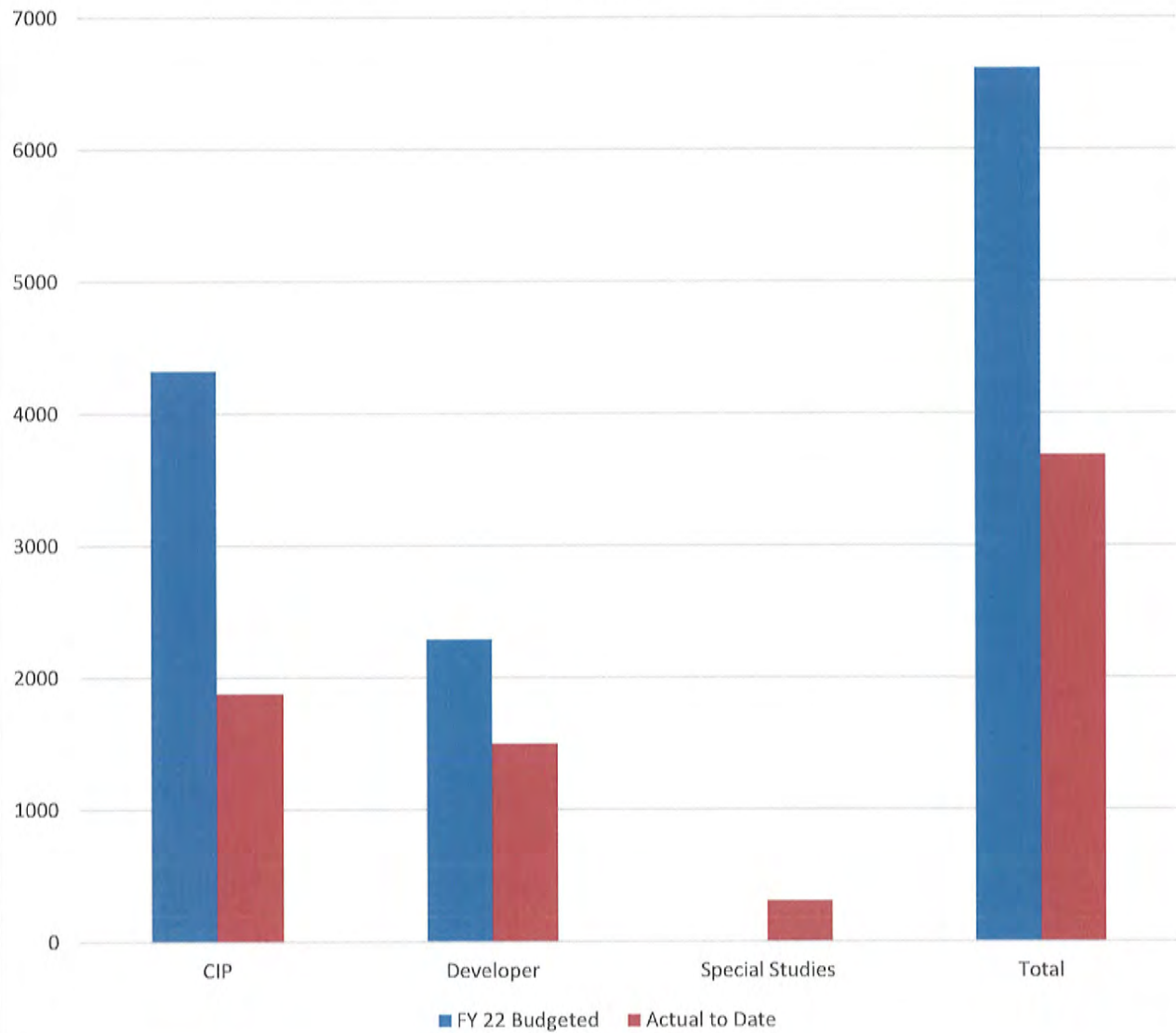
Of the total twelve (12) West Marin CIP projects, two (2) major projects have completed designs; Gallagher Well No. 2 and the Oceana Marin Pond Rehabilitation projects. The OM Pond Rehabilitation project is awaiting final approval from Cal OES and FEMA for construction while the Gallagher Well No. 2 Phase 1 construction was awarded in early February and portions of Phase 2 construction are in progress. This project is behind schedule due to supply chain issues on the well components but is expected to be completed in by the end of the fiscal year. Completed projects this quarter include the Silver Hills Culvert Replacement (a new project added to the CIP this year); one carry-forward project, PRE Tank #4A, and one budgeted project, OM Infiltration Repair.

#### Engineering Department Labor Hours

The Engineering Department provides a multitude of functions supporting overall operation, maintenance and expansion of water facilities. The major work classifications are: (1) General Engineering, (2) Developer Projects and (3) District (i.e., CIP) Projects. Out of the approximately 18,090 engineering labor hours available annually (less Conservation), the FY2021-22 labor budget for Developer Projects and District Projects is 2,290 (13% of total) and 4,323 (24% of total), respectively. A chart of actual hours expended versus budgeted hours for both Developer and District projects through the third quarter FY2021-22 is provided in Attachment 1. At the end of the third quarter, actual engineering labor hours expended for Developer work was 1,498 hours (versus 1,409 hours in FY2020-21) which is 65% of budget. With respect to District Projects, a total of 1,879 engineering labor hours have been expended (versus 2,309 hours in FY2020-21) on Capital Improvement Projects, which is 43% of budget.

During quarters 1 through 3 of this year, the Engineering Department relied on outside consultants for assistance on many of the CIP projects throughout all service areas. Out of the total CIP expenditure of \$2,772,059, approximately \$1,411,000 was consultant expense through the third quarter (51%, compared to 49% last quarter). The majority of consultant time was used on one major project: The Office Building and Laboratory Renovation project.

### Engineering Department Actual Hours 3rd Qtr versus FY Budget



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## MEMORANDUM

To: Board of Directors

May 13, 2022

From: Ryan Grisso, Water Conservation Coordinator *RB*

Subject: FY2021-22 Third Quarter Progress Report -Water Conservation

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**RECOMMENDED ACTION:** Information**FINANCIAL IMPACT:** None**Water Conservation:**

This memo provides an update on water conservation and public outreach activities implemented during the first three quarters of Fiscal Year 2021-22 (FY22). Water Conservation participation numbers for the first three quarters of the current and previous two fiscal years are summarized in Table 1 below.

**Table 1: Water Conservation Program Participation (July through March: 2019 - 2022)**

Program	FY20	FY21	FY22
Water Smart Home Surveys	135	0	7
Water Smart Commercial Surveys	2	0	2
Toilet Replacements (Residential)	119	83	99
Toilet Replacements (Commercial)	0	2	0
Retrofit on Resale (Dwellings Certified)	137	171	105
High Efficiency Washing Machine Rebates	7	16	29
Cash for Grass Rebates	10	12	57 <sup>1</sup>
Water Smart Landscape Rebates	10	5	19
Weather Based Irrigation Controller Rebates	11	24	12
Pool Cover Rebates	2	1	42
Hot Water Recirculation Rebates	0	2	10

(1) Cash for Grass participants removed 35,809 square feet of turf (saving approximately 1,000,000 gallons per year)

Water conservation participation has increased significantly this fiscal year mainly due to customer drought response and the increase in rebate levels approved by the Board in May 2021. The notable increases in participation are the Cash for Grass, High Efficiency Toilet, High Efficiency Washing Machine Rebate and Swimming Pool Cover Rebate Programs. The Retrofit on Resale Program has declined slightly this fiscal year suspected to be caused by lower inventory of homes being sold in the service area this fiscal year. The Water Smart Home Survey (WSHS) Program, which was essentially put on hold (for in-person home visits) due to COVID-19, has resumed early 2022, with the training of new technicians to perform these surveys and seven have been completed this fiscal year. Staff does continue to offer water use consultations by phone and site visits for brief



leak or irrigation related issues. Increased social media posts and presence along with other communications actions, in combination with the higher rebate levels, should continue to generate higher participation in all programs.

### **Public Outreach and Communications:**

In the first three quarters of FY22, the District continued working with Kiosk to implement the public communications plan (or public outreach plan) in response to a goal from the Strategic Plan. This effort continued the enhanced social media campaign with twice weekly posts in Facebook, Twitter and Instagram. These posts include everything from Board Meeting advertisements, to historically significant events, to conservation programs, to drought related items and many others planned over the year. Additionally, specific social media posts on water use prohibitions and water conservation tips were created in response to the drought situation along with drought related social media posts derived from the Sonoma Marin Saving Water Partnership.

The District continues to monitor and review the new website and make changes and updates as needed to keep it fresh and easily navigable. This includes the customized drought page created for each service area. Most notably the website news stories are being updated regularly and the rotating news flash on the front page is adjusted for the most pertinent news stories for the given time period. A banner was recently added on to the top of the website to direct people to the drought pages for each service area.

Water supply development messaging was created to inform customers of the projects the District is currently working on to examine and develop new water supplies in the region and locally. This campaign included a social media campaign a series of Marin IJ advertisements and website news stories and updates, culminating with a water supply workshop in late January 2022 and a second workshop in April 2022.

The WaterSmart AMI dashboard and customer portal was used as a public outreach tool to help inform customers on water use patterns and leaks and has also used the group messenger function to deploy group emails to customers. The portal has been a useful tool to alert customers to turning off their irrigation during and after rainfall events and also to communicate with customers who may be irrigating on the wrong day of the week and remind customers to turn off their irrigation system with incoming rain forecasted.

In August, a summer mailer was sent out to customers in both the Novato and West Marin Service Areas reminding customers of the drought and water use prohibitions in effect, along with providing some water savings tips appropriate for the summer time. A Fall Waterline newsletter was developed for both Novato and West Marin Service Areas and mailed in October.

All of the outreach efforts (including social media, website, print-ads and newsletters) for the preceding month are provided to the Board in a report on the miscellaneous calendar typically at the second meeting of each month.

### **Budget**

(July-March). FY22 expenditures have increased significantly from FY21 and FY20, as predicted, due to the drought, increased public communications and increase in rebate levels (mainly Cash for Grass). This is expected to continue in the fourth quarter of the fiscal year and likely surpass the budget for the fiscal year.

**Table 2: Water Conservation and Public Outreach Expenditures (July through March: 2019 - 2022)**

	FY20	FY21	FY22
Total Budget	\$390,000	\$390,000	\$377,000
July-March Actual	\$241,391	\$224,580	\$318,147

### **Staffing**

Water Conservation continues to be staffed by one full time Water Conservation Coordinator and one part time Water Conservation Technician. The District also has a partnership with Sonoma County Water Agency (SCWA) through the Sonoma-Marin Saving Water Partnership to implement and staff some of the District Water Conservation Programs including the WSHS program (estimated at 250 hours per quarter), however SCWA staff has had very limited involvement with the District programs during the COVID-19 period. SCWA has hired a new technician to perform the WSHS and is performing those as requested.

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## Public Policy Facilitating Committee Annual Meeting Agenda

Wednesday, May 4, 2022, from 2:00-4:30 p.m. via Zoom

Webinar ID: 833 3783 8981

Register in advance at [SonomaWater.org/RRIFR](https://SonomaWater.org/RRIFR)

### **Proposed Agenda**

1. Welcome and introductions
2. Status of Russian River Instream Flow Changes - Sonoma Water
  - a. Responding to Changes in Russian River Watershed Hydrology
    - i. Temporary Water Rights Changes
    - ii. Fish Habitat Flows and Water Rights Project EIR
3. Drought and Fisheries Monitoring - Sonoma Water
4. USACE/Warm Springs Hatchery - U.S. Army Corps of Engineers
5. Dry Creek Habitat Enhancement Project - Sonoma Water and U.S. Army Corps of Engineers
6. Biological Assessment Update - Sonoma Water

*Disabled Accommodation: If you have a disability which requires an accommodation, an alternative format, or requires another person to assist you while attending this meeting, please contact the Sonoma County Water Agency at (707) 547-1930, as soon as possible to ensure arrangements for accommodation.*

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# North Bay Watershed Association

## Board Meeting - Agenda

May 6, 2022 | 9:30 – 11:30 a.m.

THIS MEETING WILL BE HELD VIRTUALLY VIA REMOTE CONFERENCING SERVICE—  
NO PHYSICAL MEETING LOCATION

**Join Zoom Meeting:**

<https://us02web.zoom.us/j/81630673971?pwd=dm94TXJCRWMYWFBLC3U5V2pTSmNRZz09>

**Webinar ID: 816 3067 3971 Password: 216460**

Agenda and materials will be available the day of the meeting at:  
[www.nbwatershed.org](http://www.nbwatershed.org)

### AGENDA

Time	Agenda Item	Proposed Action
9:30	<b>Welcome and Call to Order – Roll Call and Introductions</b> <i>Jack Gibson, Chair</i>	<i>N/A</i>
9:35	<b>General Public Comments</b> This time is reserved for the public to address the Committee about matters NOT on the agenda and within the jurisdiction of the Committee.	<i>N/A</i>
9:40	<b>Agenda and Past Meeting Minutes Review</b> <i>Jack Gibson, Chair</i>	<i>Approve</i>
9:45	<b>Treasure's Report</b> <i>Jack Gibson, Chair</i>	<i>Accept</i>
9:50	<b>Wrap-up: April 8th NBWA Conference</b> <i>Andy Rodgers, Executive Director</i> Andy will review outcomes and feedback from NBWA's first virtual conference: Climate Change(d): Weathering Extremes <i>Together</i> .	<i>Overview and discussion</i>

10:05	<b>Executive Director Report</b> <i>Andy Rodgers, Executive Director</i> <p>Andy will provide an update on active projects including a June 2 workshop, recent meetings, communications, committees, activities, and developing initiatives since the March 4 Board meeting. Andy will outline ideas for next and future Board meeting topics and solicit feedback.</p>	<i>ED updates, Board questions, and input</i>
10:20	<b>FY 2022/2023 NBWA Workplan and Budget</b> <i>Andy Rodgers, Executive Director</i> <p>Review and consider approval for draft NBWA FY2022-23 workplan and budget.</p>	<i>Approve</i>
10:40	<b>Board Information Exchange and Drought Updates</b> <i>Members</i> <p>Members will highlight issues and share items of interest.</p>	<i>N/A</i>
11:30	<b>Announcements/Adjourn</b> <b>Next Board Meeting: June 3, 2022</b>	<i>N/A</i>

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**DISBURSEMENTS - DATED MAY 5, 2022**

Date Prepared 5/2/22

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
90481*	US Bank Card	Basic Corrosion Course (Davenport & Lemos) (\$3,798), Emergency Resp & Prep Training (Foster & Garrett) (\$370), Cage, Fiber Cables & Connectors (IT Supplies) (\$1,058), Zoom for Board Meetings (\$47), Office Supplies (\$43), Microsoft Monthly Subscription (\$298), Water Purification Filter Cart (STP) (\$432), Sympathy Plant for Employee (\$46), Water Jet Eductor (STP) (\$188), Pneumatic Pavement Breaker (\$134), Kitchen Supplies (\$118) & Steam Ball Valve (Lab) (\$179)	\$6,711.73
1	Accurate Forklift	Service Parts (Hyster Forklift)	59.99
2	All Star Rents	Compressor Rental (1 Day) (\$163), Propane (2 gals) & Brushcat Mower Rental (1 Day) (\$263)	434.87
3	Alpha Analytical Labs	Lab Testing	265.00
4	American Family Life Ins	April AFLAC-Employee Paid Benefit	3,402.29
5	A.S.T.I.	Fire Service Testing	3,245.00
6	AT&T	Telephone (\$68), Fax (\$55), Leased Lines (\$142) & Data (\$254)	519.64
7	Backflow Distributors	Reduced Pressure Parts	248.16
8	Boucher Law, PC	January (\$292) & February Labor & Employment Law Matters (\$927)	1,219.00
9	Buck Institute for Research on Aging	Quarterly Lease for Lab Dept (5/16/22-8/15/22)	26,892.00
10	Cline, Daniel	Novato "Washer" (\$100) & "Toilet Rebate" Program (\$125)	225.00
11	Core & Main	Couplings (66) (\$2,694), Corp Stops (10) (\$346), Meter Stops (40) (\$1,567), Pipe (260') (\$5,699), Hydrants (3) (\$7,660) & Reducer (\$123)	18,090.21

Seq	Payable To	For	Amount
12	Diesel Direct West	Diesel (500 gal) (\$3,086) & Gasoline (902 gal) (\$4,590)	7,675.80
13	Eckhoff, Kristen	Novato "Toilet Rebate" Ultra High Efficiency Program	200.00
14	Electrical Equipment Co	Disconnect Switch for Elec/Mech Shop	269.99
15	Environmental Resource Assoc	WQ Performance Testing (Lab)	4,188.71
16	Environmental Express	Round Bottom Tubes (100) (Lab)	132.99
17	Ferguson Waterworks	AMI Watersmart Portal Annual Fee (\$25,000) & RPDC Valves (3) (\$1,263)	26,263.28
18	Fishman Supply Co	Rain Gear (\$236), Urine Brief Relief Bags (10,000) (\$299) & Safety Gloves (1,000) (\$275)	810.62
19	Fisher Scientific	Bags Claves (100) (Lab)	76.10
20	FLW, Inc.	Valve (STP)	147.89
21	Forevergreen Landscape & Maint	Lynwood P/S Landscape Work	450.00
22	Freyer & Laureta, Inc.	Prog Pymt#7: Provide Engineering & Design Services for NMWD Hydropneumatic Pressure Stations (Balance Remaining on Contract \$48,735)	4,052.00
23	Gierlich Mitchell	Freight on Pump Already Delivered	254.00
24	Grainger	Circuit Breakers (2) (Gallagher Well #2) (\$407), Cordless Combination Kit (\$485) & Miscellaneous Maintenance Tools & Supplies (\$1,987)	2,880.91
25	Home Depot	Flood Light (\$227), Septic Tank Riser Cover (\$142), Scissor Lift Table/Cart for Moving (\$816) & Asbestos Bags (4) (\$182)	1,367.34
26	Idexx Laboratories	Reference Cultures (Lab)	324.73
27	Jacques, Rose	Refund Overpayment on Closed Account	60.01
28	Kaiser Foundation Health Plan	Pre-Employment Physicals (McDonald & Boynton)	130.00
29		Vision Reimbursement	14.00
30	Lincoln Life Employer Serv	Deferred Compensation 4/30/22	15,687.29

Seq	Payable To	For	Amount
31	Lucan, Eric	Refund of Deposit/New Development/WC Restriction-Novato	1,000.00
32		Vision Reimbursement	635.92
33	Miller Pacific Engineering	Prog Pymt#22: Old Ranch Road Tank Replacement (Balance Remaining on Contract \$3,994)	2,267.20
34	Nationwide Retirement Solution	Deferred Compensation 4/30/22	1,195.00
35	Noel Tree & Gardening, Inc.	Annual Mowing/Brush Clearing @ O.M. Ponds, Irrigation Field & PR Treatment Plant Road	10,000.00
36	Noll & Tam Architects	Prog Pymt #13: Provide NMWD Headquarters Upgrade A/E Services (Balance Remaining on Contract \$110,077)	30,913.23
37	NSI Solutions, Inc.	QC Samples (Lab)	83.00
38	Oak Knolls Cooperative	Return Payment-Not Our Customer	451.23
39	Office Depot	Misc Office Supplies	615.65
40	Pace Supply	Elbows (2) (\$290), Caps (7) & Meter Gaskets (500) (\$212)	506.94
41	Perez, Carmen	Refund Overpayment on Closed Account	637.15
42	Pollard Water	Nipple	205.62
43	Prunuske Chatham Inc	Prog Pymt#7: Leveroni Creek Embankment Repair (Balance Remaining on Contract \$5,338)	1,742.50
44	Scott Technology Group	Maintenance on Admin Copier (4/30/22-4/29/23)	1,873.31
45	Sherwood, Rae	Refund Overpayment on Closed Account	62.07
46	Sjoblom, Jeff	Exp Reimb: Safety Boots (\$200) & DMV Physical (\$115)	315.00
47	Soiland Co., Inc.	Asphalt Recycling (6 tons) (\$84) & Rock (32 yds) (\$1,037)	1,121.03
48		Vision Reimbursement	184.00
49	Sonoma County Water Agency	Reimbursement for Bulk Purchases of Drought Kit Materials per Agreement	17,816.95
50	Sonoma County Tree Experts Inc.	Trim Large Oak Trees (San Marin P/S)	2,520.00

Seq	Payable To	For	Amount
51	Staples Business Credit	Misc Office Supplies	396.64
52	Uline	Cable Ties (350 lbs) (\$210) & Steel Drum	387.26
53	Unicorn Group	Postage for Spring Novato Waterline	4,239.80
54	US Bank	March Safekeeping Treasury Security	95.75
55	VWR International LLC	Pipet (\$40), Steam Autoclave Printed Tape (\$33) & Bromothymol (Lab)	99.99
56	Waste Management	AC Pipe Disposal	867.64
57	Watkins, Jeff	Exp Reimb: Safety Boots	200.00
58	Wilson Bohannon Company	Rim Cylinder	373.58
59	WQI (Jim Burns)	Registration for D2 Training in Elk Grove (2/17-2/18) (Lemos & Rupp)	1,200.00
60	ZORO	Adj Wrenches (3) (\$107) & Concrete Blades (4) (\$333)	440.70
<b>TOTAL DISBURSEMENTS</b>			<b><u>\$208,745.71</u></b>

The foregoing payroll and accounts payable vouchers totaling \$208,745.71 are hereby approved and authorized for payment.

Auditor-Controller                      Date                      05/04/2022  
 General Manager                      Date                      5/4/22

# Utilities assess supply options

## DISTRICT STUDIES

Growth, drought test Marin water services

**Marin Independent Journal**

**By Will Houston**

[whouston@marinij.com](mailto:whouston@marinij.com)

Marin County's two largest water utilities are working to narrow down what new sources of supply would provide the most benefit in droughts.

The North Marin Water District presented findings of a study looking at how to bolster supplies for the more than 60,000 residents it serves in its greater Novato service area.

The top scorers were projects to enhance the storage at the district's Stafford Lake reservoir. Other options such as desalination, creating new reservoirs, dredging the lake and a major recycled water expansion were deemed too expensive or infeasible given the district's size.

"We're trying to maximize the amount of local water that enters the lake," Tony Williams, the district's assistant general manager, said during a public workshop on the assessment last week.

The Marin Municipal Water District, which serves 191,000 residents in central and southern Marin, is working to complete a similar study to determine how much water it needs to meet future demands and have more supply in major droughts.

The studies come months after the Marin Municipal Water District faced the prospect of depleting its reservoirs during the current drought and after the North Marin Water District experienced its driest winter on record in 2020-2021.

The North Marin district estimates its water demand will increase by about 26% in the next 25 years, from about 2.9 billion gallons per year to about 3.6 billion gallons. Population increase is the main driver of the larger water demand, according to the assessment by the West Yost engineering firm.

The study looked at new supply options that could provide another additional 326 million to 652 million gallons of water per year for the district.

The three highest-scoring options in the study were to reduce the waste of water during its treatment; to increase the capacity of Stafford Lake by installing an adjustable gate to cover its spillway; and to divert captured stormwater into the lake. Put together, the actions would produce an estimated 323 million to 516 million gallons within the next five years at a price ranging from \$3.8 million to as much as \$15 million, according to the study.

That doesn't mean other options such as desalination are off the table for the district, staff said, but would likely be accomplished in cooperation with other water suppliers on the North Coast.

Only 25% of the North Marin district's supply comes from Stafford Lake. The remainder comes from Russian River imports from the Sonoma Water agency. Sonoma Water is looking to complete a study on a variety of new water supplies, including groundwater banking, desalination and the potential to reduce environmental water releases for wildlife.

"The more you can do it at the regional basis rather than doing it individually by one agency to another is incredibly more powerful, more cost-effective," Drew McIntyre, the district's general manager, told the board of directors.

North Marin Water District board member Mike Joly said during the workshop last week that the district should be looking at desalination and emerging technology.

"I am glad that North Marin Water is going to be following up on the designation concept, which is a long lead time and an expensive proposition," Joly said.

Board member Rick Fraites called for the district to continue to explore creating a dam in Bowman Canyon, which the study estimated could provide up to 245 million gallons of water per year.

"It's local, it's right near our main water supply," Fraites said during the workshop. "Maybe it'll happen, maybe it won't. Putting up a reservoir is a little dicey these days but I'd like us to take a harder look at that option."

The Marin Municipal Water District plans to hold two workshops in the coming months to discuss water supply options and how effective they would be in various drought scenarios.

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Monday, 05/02/2022 Page .A01Copyright Terms a

# ***Water ethic should include drinking recycled wastewater***

**Marin Voice**

**Marin Independent Journal**

**By Steven Moore**

We are water, literally, by weight and so much more. It's the sparkle in your eye, the sweat on your brow and the blood in your veins. All life and communities are totally dependent on a healthy water supply.

These truths are often overlooked in times of plenty, but when water's scarcity becomes plainly evident, we are forced to reckon with doing what is right, because so much is at stake: our lives, livelihoods and quality of life.

We should therefore embrace a water ethic.

In other parts of California with higher populations than Marin, this idea of a water ethic has taken hold and resulted in sustainable water supply projects in the ground and in the works. It is past time for Marin to join this community of doers. Each of us can participate.

The water ethic is a personal commitment to know where our water comes from, how much water we use, what we put into the water before it leaves our homes and businesses, and where it goes after we use it. The water ethic also includes a commitment to use the water more than once whenever possible.

Much like we have learned to minimize single-use plastic, part of the water ethic is to minimize single-use water.

When we're done with it, most Marin water goes to San Francisco Bay with negligible ecological benefit. We can and should reuse this water. Water is so precious in Marin and its use so consequential that, like plastic, we should not use it only once.

We try to minimize single use plastic to help the oceans and conserve energy. We should minimize single-use water to help the rivers and stretch our water supply during droughts. Other communities such as Orange County, the Inland Empire, the Monterey-Salinas area, Los Angeles and the coastal town of Cambria are reusing wastewater, stormwater and salty groundwater for drinking water. All of it is equally safe as Marin's current supply.

More than 30 cities in California are going to add over a half-million acre-feet annually of wastewater-to-drinking water projects in the next five years, including some central coast communities, San Diego and Silicon Valley.

As we face the challenges of limited water supply, Marin should embrace a water ethic that includes minimizing single use water. We should join the movement, do the right thing and invest now in water recycling, or wastewater “potable reuse,” to enhance our potable drinking water supply.

Drink purified wastewater? Absolutely. If you think about it, we already do. There is only one water. The impurities move in and out of it throughout its cycle. The same principles astronauts utilize on the space station apply here in water-scarce California.

They have proven safe and reliable for decades right here in our state.

In Marin we reuse less than 2% of our wastewater — mostly for landscape irrigation (aka lawns). While this is helpful, these uses are limited and shrinking over time. We need to turn it up a notch.

Studies show the Central Marin Sanitation Agency wastewater plant in San Rafael can provide almost as much potable water as the Marin Municipal Water District imports from Sonoma County, one-fourth of its water supply. This additional supply would dwindle if a drought continued for many years. So, while it does not complete the supply portfolio, it would be a significant step forward.

To have a sustainable water supply with the climate changing, we should embrace a new water ethic in all its dimensions. This includes tapping into a local sustainable source — wastewater — which will reduce our drawdown of local reservoirs, extending water supply in times of scarcity.

We are water. With so much at stake, what we do about water is an ethical choice. We should avoid single-use water if we can. Recycling water for drinking is ethical and smart, like Marin. We can afford it. We can’t afford not to do it. Most importantly, it’s the right thing to do. *Steven Moore, of Sausalito, is a former member of the California Water Resources Control Board and the regional water board. He is general manager of the Ross Valley Sanitary District and an advisor to the Marin Coalition for Water Solutions.*

**We should minimize single-use water to help the rivers and stretch our water supply during droughts.**





# MMWD asks too much of careful ratepayers

**Marin Independent Journal**

## OPINION

Wednesday, May 4, 2022

Once again, the Marin Municipal Water District is touting the same old solution to ongoing drought by promoting conservation (“Marin district weighs permanent water use restrictions,” April 18).

In the past, we’ve seen that when we use less water, the cost for that water goes up to cover expenses for the district.

Given an unfunded pension liability of more than \$100 million, ongoing salary costs and whatever might be earmarked for maintenance and repairs, our water bills are apt to skyrocket.

If artificial daily use limits are low, many ratepayers will exceed their daily quota.

MMWD’s solution appears to be tiered pricing. Each level of usage over the skimpy allotment gets increasingly expensive. Much of this could have been prevented had the district used the historically low water levels last year to dredge the reservoirs and raise capacity.

I think it is time for some new thinking on the board.

— *Elaine Reichert, Santa Venetia*

# District adjusts rules on water

## MARIN MUNICIPAL

Some measures stay, others are rescinded

### **Marin Independent Journal**

**By Will Houston**

[whouston@marinij.com](mailto:whouston@marinij.com)

Some water use restrictions that were imposed on most Marin County residents during the drought last year are now set to become permanent.

The Marin Municipal Water District Board of Directors voted unanimously on Tuesday to continue limiting sprinkler use to two days per week, which is down from three days it allowed before it adopted its drought restrictions in 2021. Drip irrigation will be allowed three days a week. All pool owners in the district must also have a pool cover.

These rules will be part of the district's list of permanent conservation rules that include prohibitions of washing down sidewalks, driveways and other hard surfaces by direct hosing; watering lawns between 9 a.m. and 7 p.m.; and using a hose without a shutoff nozzle.

"We want to recognize that despite the recovery for our local supplies, much of California does remain in a severe drought," the district's water efficiency manager Carrie Pollard told the board.

At the same time, the board also voted to rescind several rules that have been in effect for the past year. These include a ban on residents washing their cars at home, the prohibition of landscape planting for new water service connections and an irrigation rule limiting golf courses to only watering tees and greens. Sanitary districts are being asked, but not required, to use recycled water when possible to flush out sewage systems.

The rule changes come after the Marin Municipal Water District and the 191,000 residents in central and southern Marin it serves came close to the possibility of running out of water. Following two dry winters in 2019-20 and 2020-21, the district had forecast it could deplete all seven of its reservoirs by mid-2022 and was preparing to

build a \$100 million pipeline across the Richmond-San Rafael Bridge to pump in Sacramento Valley water.

Unusual downpours from October through December rescued the district by nearly refilling its reservoirs. The reservoirs are now about 90% full.

The board has since been working to reconcile what rules should remain in effect given its flush reservoir supplies and what rules should become common practice given the vulnerability of its water supplies in future droughts.

On Tuesday, there was some debate about how extensive the district's regulations should be. Board Director Jack Gibson objected to what he described as potential overregulation.

"Our community saves water," Gibson said during the meeting. "They understand that, they got the message. Let them choose the way they can best do it."

Other board members said the new permanent rules are meant to produce water waste such as evaporation of pool water.

"We have a charge to provide reliable water supply," Director Monty Schmitt said in response to Gibson's comments. "In order to do that we absolutely need our customers to be partners in this, in conserving how much water we use and to use it wisely."

The Marin Municipal Water District's water supply is somewhat of an outlier compared to other Bay Area and California counties, which have been implementing stricter conservation rules in recent months and weeks as the drought continues into its third year. In Northern California, the first three months of this year were the driest three months of any year since rainfall records began in 1849.

More than 95% of the state is in a severe drought, according to the U.S. Drought Monitor published by the federal government and the University of Nebraska.

Last year, Gov. Gavin Newsom ordered a voluntary 15% statewide reduction in water use compared to 2020. Residents fell far short by cumulatively conserving by 6% from July 2021 through January, according to the State Water Resources Control Board.

The Marin Municipal Water District set its own target in April 2021 of a 40% collective reduction given its supply concerns. Marin ratepayers conserved about by half that amount for most of the year, though still significantly more than compared to the rest of the state.

Newsom then issued an executive order in late March requiring all urban water suppliers to institute their stage 2 conservation measures as part of their drought contingency plans. These plans require suppliers to create six levels of drought response actions, with each level including more intensive conservation rules.

For Marin Municipal Water District, the stage 2 level calls for 20% voluntary conservation, increased public outreach efforts and initiating water waste patrols, for example.

The district's latest report showed it conserved by 12% in March.

The neighboring North Marin Water District has continued to call for a 20% reduction in water use from the 60,000 residents in its Novato service area because of ongoing drought conditions. The district has also set a three-day watering limit per week.

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Thursday, 05/05/2022 Page .A01

# Drought, rising costs halt community garden project

NOVATO

## Marin Independent Journal

By Will Houston

[whouston@marinij.com](mailto:whouston@marinij.com)

A decades-old effort to create Novato's first community garden has been put on hold indefinitely because of the drought and escalating costs, according to city officials.

The Novato City Council voted 3-2, with Mayor Eric Lucan and Councilman Mark Milberg dissenting, to scrap the garden project at the 10-acre property at 1521 Hill Road. The council directed city staff to begin looking for a new location.

"It seems to be an impractical site and the costs are ballooning," Mayor Pro Tem Susan Wernick said during the council's meeting on April 26. "It does not negate in my mind that there is a desire in the community to have a community garden. So maybe what we need to be doing is looking at other possible sites that are going to have fewer constraints, have water or possibly a well already on the site."

Advocates for the garden were crushed by the council's decision. The city had previously delayed the project from its original site at the Dogbone Meadow dog park.

"I am devastated that this has happened," Novato resident Suzanne Crow told the council. "I just ask that you please remember this garden and that you find a spot for it in the future." The city has been preparing for several years to build the nearly 2-acre garden at 1521 Hill Road, even going so far as to get a new water service connection at the site in 2019. The garden would have had 40 to 100 plots that could be rented by residents.

But the pandemic caused the city to shift to other priorities. When the city was ready to pick up the project again, the drought was underway and the Novato area was directed to cut its water use by 20%, according to Chris Blunk, the city's public works director. As a result, the city is not allowed to use its water connection at the site, Blunk said.



Mailboxes stand at the entrance to properties on Hill Road in Novato. A proposal to create a community garden at 1521 Hill Road has been scrapped.

ALAN DEP — MARIN INDEPENDENT JOURNAL

A nearly century-old well at the site, known as the Lieb Property, was found to be a potential workaround. Given the well's age and condition, Blunk estimated it would cost the city around \$200,000 to get the well up to code and permitted by the county.

Additionally, the Federated Indians of Graton Rancheria identified the site as having sensitive cultural artifacts. To avoid disturbing them, the city would be required to place a layer of fill over the site at an estimated cost of \$80,000. Materials and labor shortages are also expected to increase project costs, Blunk said.

With these changes, the project cost has increased to nearly \$600,000 from an original estimate of about \$283,000, according to Blunk. The city had raised the \$283,000 from various sources to pay for the project, with about \$150,000 spent so far to work on the designs and environmental review. At least another \$250,000 would be needed to complete the project, which includes about \$30,000 to complete the environmental review, Blunk said.

Blunk was also concerned about how much the garden would actually be used by residents and whether the garden could conflict with other potential uses of the property. Also, the city would also have to maintain the site.

"I'm concerned about this use of public funds if it's not being used, with that heavy an investment," Blunk said.

Councilwoman Pat Eklund said that given the city's projected budget deficits, she does not support continuing to invest in the project at the Lieb Property. She said a similar use for the site could be a small farm that would rent the land from the city.

Lucan said he supported continued consideration of the Lieb Property as a candidate and advocated for completing the environmental review, given the work that has already been put into the project.

“While we might not have the funds to bring this project to completion, when you have a shovel-ready project it could fare well with grants,” Lucan said.

The council voted against completing the environmental review.

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Friday, 05/06/2022 Page .A03Copyright



## *Take a ‘silver buckshot’ approach to water reliability*

**Marin Voice**

# **Marin Independent Journal**

**By Cynthia Koehler**

Water is the sharp edge of climate change, the place where people are experiencing climate impacts most acutely.

Last month, Gov. Gavin Newsom issued an executive order directly connecting California’s ongoing drought to climate change and calling for a 15% voluntary cutback in water use. While we are fortunate that Marin’s local reservoirs are currently at 90% of capacity, prudent management dictates that we assume more dry years on the horizon.

Because of climate change, the past is no longer prologue in the water industry. Our solutions must evolve to meet that dryer future.

I have long maintained that Marin’s water supply security requires a diverse and robust portfolio of options rather than reliance on a single silver bullet. Let’s call this multifaceted approach the “silver buckshot” strategy.

The centerpiece of this strategy will be water technology, which is advancing at an extraordinary rate. Newer technologies are increasing efficiencies at system and consumer levels, while bringing costs down. Just as technology revolutionized energy use and our ability to do more with far less, water tech will be the new path to successful water management, from reuse to grey water to energy capture to real time information.

It’s not about having less, but wasting less.

Making the most efficient use of our water supply is the obvious and most affordable foundation for a multilayered strategy that should also include new supply options. Indeed, increasing water efficiency is far from the only thing that the Marin Municipal Water District is doing, or has done, to ensure a reliable and resilient water supply for the future.

In addition to diligently upgrading local water infrastructure, protecting our watershed and limiting the risk of debilitating fire, the district has, in recent years, invested substantially in supplemental water supply, primarily by stabilizing and expanding access to water from Sonoma County.

Today, Marin Water is in the midst of a supply assessment, which will determine our direction forward. Indeed, the findings of the assessment will be central to successfully navigating our increasingly water-constrained future. The most promising options are those that lean into innovative water technology.

Advanced water purification facilities would enable Marin Water to include highly purified recycled water in our system. Automated meter-reading technology allows for tracking water use at the ratepayer level in real time, improving water management and leak detection.

Groundwater banking in Sonoma County, known as “aquifer storage and recovery,” now appears to be a serious future option to store water underground, avoiding evaporation losses. Regional desalination, and versions of Marin-only desalination are on the table, as are connections or interties to Bay Area partner water agencies that would provide the district with multiple opportunities for water transfers.

The most expensive options are those that pretend we are not living in a world of tradeoffs that require us to make the best use of our existing water resources in addition to developing supplemental supplies.

The key to the silver buckshot portfolio will be balancing the cost of supply options to local ratepayers. Any set of solutions will have a price tag, but some will be higher than others. Under state law (Proposition 218), all local ratepayers will have to pay for these investments regardless of how much water they use. The result is that the low water users who stay within Tier 1 — more than 60% of district consumers — will shoulder most of this burden.

For low income ratepayers, this can quickly become unsustainable. It will be essential, therefore, that the mix of water supply augmentation, efficiency and conservation options ultimately selected is not only cost effective, but also equitable in terms of who benefits and who will bear the costs.

The assessment is the next step in Marin Water’s ongoing efforts to enhance drought resilience while maintaining rate affordability and access to safe, healthy water for everyone. This process is an opportunity to engage, be heard and learn more about these complex issues. While the changing climate is bringing new water challenges for the region, we have the ability to choose a path forward that is reliable, secure and sustainable for the long term. *Cynthia Koehler serves on the Marin Water Board of Directors.*

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Saturday, 05/07/2022 Page .A09

## **Weak water savings fuel calls for harder line**

### **STATE DROUGHT**

#### **Marin Independent Journal**

**By Jaimie Ding**

*Los Angeles Times*

**LOS ANGELES** >> Almost a year after Gov. Gavin Newsom pleaded with Californians to voluntarily cut their water use by 15% amid a worsening drought, water conservation figures are still nowhere near that mark.

Now, as millions across Southern California face unprecedented water restrictions beginning next month, some water experts say that much broader cuts, such as those ordered by former Gov. Jerry Brown during the last drought, are needed to rouse the state from its false sense of water security.

“Even during the last drought, when Gov. Brown asked for voluntary cuts, we didn’t meet those,” said Heather Cooley, director of research at the Pacific Institute, a water think tank in Oakland. “We really need to go toward the mandatory. It really does send a signal that we are all in this together, and that everyone needs to be doing their part.”

Between July — when Newsom urged Californians to slash water use by 15% — and February, statewide cumulative water savings have amounted to just 5.8% relative to a 2020 baseline. Water districts in Northern California, which began experiencing severe shortages last year, have done the most to conserve. The Marin Municipal Water District cut use by 28.5% after local reservoirs began to run dry, forcing the water supplier to move to Stage 4 of its drought contingency plan.

The North Coast region also reduced water usage by 14.5% and the San Francisco Bay region by 10.5%.

But in Southern California, which had ample reserves last year, the story has been very different. In the South Coast hydrologic region, which is home to more than half the state’s population, water use dropped by just 4.6% in the same period, and the Los Angeles Department of Water and Power saw just 2.6% cumulative savings.

A few water districts even increased their water usage significantly, with El Segundo reporting 44.6% more water since last July.

El Segundo officials say that increase was tied to the disastrous flooding of L.A.'s Hyperion Water Reclamation Plant in July. After debris clogged filtering screens at the Playa del Rey plant, industrial customers that usually used recycled water for cooling had to use potable water for several months, said Elias Sassoon, El Segundo's director of public works.

After California experienced its driest ever January, February and March, leaving State Water Project supplies perilously low, officials with the Metropolitan Water District of Southern California declared unprecedented restrictions that are set to begin next month. Though Cooley said the action may serve as a "wake-up call" for many, it still remains to be seen whether the state can change course.

Experts have offered a variety of reasons for California's lackluster conservation efforts. Some point to the drier than-usual climate, which caused Californians to water their lawns and gardens more often than usual at the start of the year.

Cooley and others say the lack of statewide mandatory restrictions on water use, such as those ordered by Brown two years into the last drought, is to blame.

Still others say there's a psychological aspect that comes with dealing with drought for an extended period of time.

"We've been talking about drought for a really long time at this point, even though we had like a brief little lapse," said Kelly Sanders, a professor of environmental engineering at USC Viterbi School of Engineering. People are "becoming desensitized to the severity of the drought. You don't hear people talking about it quite as much as you did in 2015 and 2016."

The possibility of your water being shut off is also "less tangible" than something like having your electricity going out, Sanders said.

Still, the experts insist a 15% statewide goal is achievable.

There remain many opportunities to reduce long-term water use, such as replacing old appliances that use significantly more water than ones on the market now, Cooley said.

The Pacific Institute's research found that urban water use could be decreased by an additional 30% just by adopting current standards for appliance water efficiency. This includes fixing leaky pipes and replacing washing machines and toilets.

Further investment in what is considered more “leading-edge technology” could increase water savings to 48%, Cooley said. *Distributed by Tribune News Service*



Homes with pools line a neighborhood in Agoura Hills, Los Angeles County. Southern California has lagged behind the north in voluntary water conservation.

MARIO TAMA — GETTY IMAGES

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Monday, 05/09/2022 Page .A05



# Californians ignore water savings goal

## DROUGHT

### **Marin Independent Journal**

March use increased 18.9% compared to March 2020

**By Paul Rogers**

*Bay Area News Group*

Drought? Californians apparently don't care.

Last July, Gov. Gavin Newsom declared a drought emergency and asked Californians to cut urban water use 15% compared to 2020 levels.

But in March, residents instead cranked up the taps, increasing urban water use a staggering 18.9% statewide compared to March 2020 — with even higher levels in Southern California than Northern California, new data released Tuesday shows.

Water experts said Tuesday it might be disaster fatigue, an unusually dry spring, or the lack of statewide mandatory conservation standards. But they say the trend is troubling as the drought heads into the hot summer months, with no guarantees it will end next winter or the one after that.

“We just came off the driest January, February and March in recorded history,” said Jeffrey Mount, a professor emeritus at UC Davis and senior fellow at the Public Policy Institute of California’s water center. “It was a jaw-droppingly dry three months. People started turning on their sprinklers early. That’s where the water went. To their lawns. Pure and simple.”

Cumulatively, Californians have barely moved the needle on conservation since Newsom declared the emergency, even as the state heads into its third year of severe drought with reservoirs at low levels. From July through March, residents, businesses and government agencies reduced urban water use statewide by just 3.7% compared to the same time period in 2020, the State Water Resources Control Board said Tuesday.

“Have we hit drought fatigue?” Mount said. “That is worrisome. But people are exhausted. There’s a level of social and cultural exhaustion that we are experiencing. Letting your lawn go brown is pretty far down the list when you are focusing on COVID and Ukraine and other things.”

State officials sought to put the best face on the numbers.

Joaquin Esquivel, chairman of the state water board, said he expects a turnaround in the coming months as the message sinks in, more local conservation rules — including fines — begin to take effect, and California reverts to a more typical weather pattern than occurred in spring.

“It’s regrettably not too much of a surprise,” he said.

Meanwhile, the state water board has scheduled a May 24 vote to require local agencies to increase conservation, including a ban on watering lawns at office parks and industrial sites with potable water.

The lack of conservation is becoming a growing political embarrassment for Newsom, whose call for 15% conservation so far has been voluntary.

During California’s last drought, from 2012 to 2016, former Gov. Jerry Brown at first issued a voluntary call for conservation. But when Californians failed to meet his targets and the drought worsened, Brown issued a 25% mandatory urban water use rule, with targets and fines for agencies that failed to meet them. Some water agencies complained, because they make less money when they sell less water, unless they raise water rates. But Brown achieved the conservation target.

Newsom instead chose a local approach, with each agency having flexibility to set their own rules.

At an appearance April 18 at Oroville Dam in Butte County, Newsom said the state has many different local conditions. Some places have more water than others, he said.

“We are working with our partners at the local level to make determinations based on hydrology and the reality in local parts of the state,” Newsom said. “It’s not a one-size fits all.”

Newsom added that he did not expect there to be statewide “draconian” rules this year.

After the last drought, some water agencies, particularly in Southern California, complained loudly to Brown’s office and then Newsom’s, that they were being penalized even though they had invested millions of dollars in new local supplies. Many of those agencies are failing to meet Newsom’s 15% conservation target.

Overall water use in the Bay Area was up 2.5% in March compared to March 2020. But in Los Angeles, Orange and San Diego counties, it was up 26.9%.

Some water experts say if more reductions aren't achieved, Newsom may have to get tough, like Brown, and threaten local water agencies with fines if they don't meet conservation targets.

"We saw those were effective," said Heather Cooley, research director for the Pacific Institute, a non-profit water research organization in Oakland.

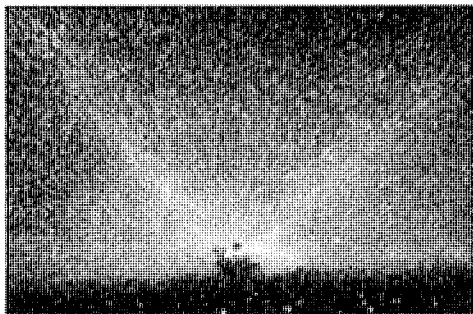
Of Newsom's locals-decide approach, she added: "It's not clear to me that is going to provide any real savings."

On Tuesday, Newsom administration officials said that that governor will be adding more money to the state budget Friday to fund drought messaging campaigns, help small water agencies that are running low on water, and programs to pay people to remove lawns or buy water-efficient appliances. Newsom has said he will not announce new general fund spending to build more reservoirs.

But those are not immediate remedies and the state's situation is getting worse by the day.

Shasta Lake, the largest reservoir in California, on Tuesday was just 40% full, its lowest level in May since 1977. Oroville, the second largest, was just 55% full.

No significant rain or snow is expected for another six months. And climate change is making California droughts worse.



Water flies from a sprinkler watering a lawn in Sacramento. California's water usage jumped nearly 19% in March during one of the driest months on record, state officials announced Tuesday.

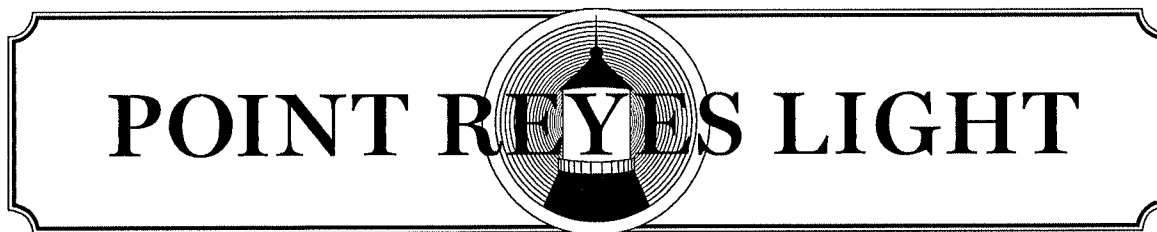
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Wednesday, 05/11/2022 Page .A01Copyright Terms and Terms





## NEWS

# Water districts mull new supply options

by **Ike Allen**  
May 11, 2022

Marin County's major water providers are looking for new ways to expand their supply amid increasingly intense and unpredictable droughts. At a board meeting late last month, Marin Water directors discussed a wide range of options to make the utility more resilient, including reuse, desalination and closer ties with Sonoma County.

Many of the methods to improve the reliability of Marin's water supply could take years to realize, but consultants said they could happen much faster if drought conditions get significantly worse. "I think a number of them are really long-range projects but, given the right political will, they might become mid-term projects," said Armin Munevar, a water engineering consultant from the firm Jacobs.

With Marin Water's reservoirs at over 90 percent capacity, above average for May, the district's supply is safe for the immediate future. But long-term rain prospects are marked by extreme uncertainty. Northern California rains usually come in the form of atmospheric rivers, ribbons of concentrated atmospheric moisture that are likely to both intensify and shrink in duration just as overall conditions become drier and hotter. Marin Water's engineering consultants said their recommendations, based on

an ongoing water supply enhancement study, would help the district adapt to long droughts punctuated by quick drenchings.

The same evening Marin Water's board met, North Marin Water District officials heard a similar presentation from water engineering consultants. Though North Marin serves 1,800 people in Point Reyes Station, Olema and Inverness Park, the new supplies it hopes to tap would only affect Novato customers who depend in part on Stafford Lake for water.

Resiliency for both of Marin's major water suppliers will depend on closer ties with Sonoma County, consultants found. Surplus water from the Russian River, collected during the winter rains, provides 25 percent of Marin Water's potable supply and about three quarters of Novato's water. The Sonoma Aqueduct pipes the water through Petaluma, where the recently rehabilitated Kastania Pump Station will soon be able to deliver an additional 5,000 acre-feet to Marin annually. But Sonoma's water never enters Marin reservoirs—it flows directly into the two districts' distribution systems. Both districts are considering changing that: Marin Water would build new pipelines to store Russian River water in Nicasio and Soulajule Reservoirs, and N.M.W.D. would build infrastructure to store the water in Stafford Lake.

Last year, Marin Water was ready to begin the emergency construction of a pipeline across the Richmond-San Rafael Bridge. But in January, the district announced that the project would be held up by the usual regulatory hurdles after generous rains caused it to lose its emergency exemption. When the project is complete, it will give Marin Water the infrastructure to purchase water from the Yuba County Water Agency in the Sierra foothills, and independent districts like Inverness could get a sliver of the supply under that agreement.

In last month's presentation, Mr. Munevar said his firm would study the costs of other large-scale intertie agreements, including lengthening the Richmond Bridge pipeline to connect directly with Contra Costa Water District, building a new pipeline to connect Novato with the North Bay Aqueduct that ends in Vallejo and even creating an intertie agreement with San Francisco.

Recycled water could make up a much bigger part of Marin's supply in the future. The two districts' applications of recycled water are currently limited: Around 300 commercial and residential customers in Terra Linda get treated wastewater for uses like irrigation and toilet flushes, and 90 Novato hookups use it for landscaping and car washes. Marin Water is looking to expand those applications, including by irrigating Peacock Gap golf course in San Rafael with non-potable water, and its consultants suggested two concepts for reusing treated water in their study.

Through indirect potable reuse, the wastewater from Las Gallinas, Central Marin and Southern Marin Sanitary Districts would be treated and then pumped into Kent Lake. A so-called direct potable reuse system would divert and purify up to 4 million gallons of Central Marin wastewater per day, piping it straight back into the distribution system. Alternatively, the consultants found, the district could use treated wastewater in lieu of reservoir water for water releases into Lagunitas Creek mandated by environmental regulations. Although the cost of the advanced treatment required for recycling could be high, and treated wastewater tends to run warmer than regular reservoir water, several directors expressed a commitment to exploring how these ideas could be implemented in the next decade.

"We want to be moving from that 20th-century way of thinking about these resources as waste and more about thinking of them as assets," director Cynthia Koehler said.

Desalination using a bayside plant to render seawater drinkable took a back seat to the Richmond Bridge pipeline project as an emergency solution to Marin's water stresses last year. North Marin's customer base is too small to make a desalination facility feasible, but in the long term, the prospect will remain on the table. Marin Water could eventually use the Richmond Bridge pipeline to participate in a regional collaboration with five other Bay Area water agencies, tapping into seawater desalinated at a plant in the East Bay or on the ocean in San Francisco.

Both Marin Water and N.M.W.D. are also examining the potential to expand their own reservoirs. Mr. Munevar suggested dredging to expand the capacity of reservoirs like Soulajule and Nicasio, but North Marin's consultants focused on how an adjustable spillway gate could be added to Stafford Lake, allowing the reservoir to fill to the brim. Marin Water board member Larry Bragman suggested this solution could be cheaper and more sensible for his district's seven reservoirs. "The financial

feasibility is orders of magnitude less than excavation, and the technical requirements seem quite conventional,” Mr. Bragman said.

Late-season rain has helped ease the sense of urgency that animated northern California water providers to tighten restrictions last year. Last week, Marin Water announced it was lifting temporary emergency water restrictions in response to recovered reservoir levels. Customers can once again wash their cars at home, fill swimming pools and irrigate golf courses. But the district also hardened its long-term, year-round rules: Outdoor watering using overhead spray systems is now limited to two days per week and swimming pools must be covered to cut down on evaporation.

Small, self-reliant districts like the Inverness Public Utility District have fewer opportunities to expand supply than Marin Water and N.M.W.D., even during drought emergencies. With scarce opportunities for new wells and treatment plants, IPUD and the Bolinas Community Public Utility District are often the first to enforce conservation measures when droughts become severe. “It’s the way it’s always been,” IPUD customer services manager Wade Holland said. “In tight times, we tighten our belts.”

# Los Angeles Times

## California Coastal Commission rejects plan for Poseidon desalination plant

BY JAMES STAFF WRITER

MAY 12, 2022 **UPDATED** 10:35 PM PT



Debbie Andrews, center, of Huntington Beach celebrates with others at a hearing Thursday in Costa Mesa as the California Coastal Commission rejects a planned desalination plant.  
(Allen J. Schaben / Los Angeles Times)

After hearing hours of heated debate, the California Coastal Commission voted against a controversial plan by the company Poseidon Water to build a huge desalination plant in Huntington Beach.

Despite worsening drought and repeated calls from Gov. Gavin Newsom to tap the Pacific Ocean as a source of drinking water, commissioners voted unanimously against the plan Thursday night.



The decision, which was [recommended by the commission's staff](#), may end the company's plans for the \$1.4-billion plant.

In denying Poseidon a permit, the commission demonstrated its independence from the Newsom administration and also sent the message that high costs, vocal opposition and hazards such as sea-level rise can present major hurdles for large desalination plants on the California coast.

The governor had said California needs the desalination plant to cope with extreme drought, and he recently [warned that a vote](#) against the project would be a "big mistake."

Activists, who called the proposal a boondoggle that would privatize water infrastructure for profit, said the decision was a victory for fact-based regulation over politics.

The project was first proposed more than two decades ago, and the long-running fight has encompassed a list of contentious issues. They include the proposed plant's effects on marine life, its vulnerability to sea-level rise and the company's heavy [political lobbying](#).



Audience members against the proposed Poseidon desalination project in Huntington Beach, listen to speakers at the California Coastal Commission hearing to consider whether they will approve a permit for the company Poseidon Water to build a large desalination plant in Huntington Beach.  
(Allen J. Schaben/Los Angeles Times)

Before casting her vote, Vice Chair Caryl Hart said the project raised many concerns.

"This desal proposal is privatization of water. It provides a large private profit," Hart said. She agreed with the agency's staff and said the site is the wrong place to build a plant, partly because it would be atop an earthquake fault.

She also noted that the company still didn't have a binding agreement from any water district requesting the water. "It would harm the public welfare," she said.

Commissioner Dayna Bochco said that she agreed with the staff's findings and that the effects on marine life would be "an incredible amount of destruction."

Meagan Harmon, one of the governor's appointees on the commission, said the project would have a "disproportionate impact on the most vulnerable."

"I wish that I didn't have to take this vote. I'm not opposed to desalination," Harmon said.

In testimony leading up to the vote, Poseidon and its supporters argued that building the desalination plant would buttress local water supplies and make the area more resilient. They cited the severe drought in California and the western U.S. and higher temperatures brought on by global warming, pointing to the worsening shortages of imported water supplies from the State Water Project and the Colorado River.

Poseidon's opponents argued the desalinated water is unnecessary because northern Orange County already has ample groundwater supply and is recycling its wastewater. They said the project would only benefit Canadian parent company Brookfield Infrastructure and its investors, while low-income people would be hit especially hard by rate increases.

"Seawater desalination should be the option of last resort," said Tracy Quinn, president and chief executive of the environmental group Heal the Bay. She said there are better, more economical solutions to bolster water supplies in Orange County.

When the commission's staff recommended rejecting the project last month, they wrote in their report that in this area of Orange County, there is a "lack of a near-term need for the project" and that other proposed water projects — including wastewater recycling — would be more cost-effective and seem able to address projected demand over the coming decades.

Opponents of the project were elated by the unanimous vote.

"This just didn't make any sense whatsoever. It was the wrong place, the wrong type of facility and basically a foreign corporation that would have privatized water," said Andrea León-Grossmann, director of climate action for the nonprofit group Azul.

Susan Jordan, executive director of the California Coastal Protection Network, celebrated the victory after 12 years fighting the project.



Zoey Lambe-Hommel, of Long Beach, who is against Poseidon's proposed desalination project in Huntington Beach, attends the California Coastal Commission.  
(Allen J. Schaben/Los Angeles Times)

"It's a very defining moment for the coast. It sends a message to those who want to privatize water, who want to do unsustainable development along the coast," Jordan said. "That's why we have the Coastal Commission, to protect against destructive projects like this. They're an independent body. They are not to be swayed by any politician, no matter how powerful. This is their job, to observe the science and the law. Today that happened, and it's a great moment for the coast."

Poseidon Water responded to the defeat in a [statement](#), thanking Newsom and others who had urged the commission to support the project.

"California continues to face a punishing drought, with no end in sight," said Jessica Jones, the company's communications director. "We firmly believe that this desalination project would have created a sustainable, drought-tolerant source of water for Orange County, just as it has for San Diego County."

More than 300 people filled a hearing room in Costa Mesa to hear testimony on the proposal and to voice their opinion. Some held signs reading "No Poseidon! No Wall Street water!" and "We don't want it, we don't need it" and "Fight climate change; Support desal!"

During the hearing, some local water officials argued the area needs the water, while others vehemently disagreed.



Doug Davert, president of the East Orange County Water District's board, said Newsom is right and "we need a new supply of water that is drought-proof and climate-resilient."



Union workers who support Poseidon Water desalination project hold signs of support at California Coastal Commission hearing.  
(Allen J. Schaben/Los Angeles Times)

Leaders of Irvine Ranch Water District [have said](#) that the water isn't needed and that approving the project would force communities to pay more for water unnecessarily, increasing costs for low-income communities. Paul Weghorst, the district's executive director of water policy, called the proposal "a solution in search of a problem."

The agency's staff detailed a list of reasons why they determined the permit should be denied, including hazards ranging from sea-level rise to the risks that construction could disturb an adjacent toxic site.

State scientists detailed how the project would cause substantial harm to fish larvae and plankton that make up the base of the marine food web. They said the company's proposed environmental mitigation projects, including dredging an inlet, restoring coastal marshes and laying down an artificial reef, would be inadequate.

Two days before the meeting, Jennifer K. Roy, a lawyer for the company, emailed commissioners with an attached document that she described as an "Applicant-Proposed Staff Report." The [document](#) was prepared on the same Coastal Commission letterhead as the staff's report, with the agency's San Francisco address, Newsom's name and the state seal.

The document stated, “Staff Recommendation: Approval with conditions.”



Dayna Bochco, California Coastal Commission commissioner, center, joins fellow commissioners as they listen to public comments.  
(Allen J. Schaben/Los Angeles Times)

That document drew condemnation from Poseidon’s opponents, who called the newly written report on official letterhead deceitful and inappropriate.

As the hearing began, Commission Chair Donne Brownsey said she had spoken to the company about the “inappropriate format” of the document.

“This was not a good decision by the applicant to put it on Coastal Commission letterhead, because it did cause some confusion,” Brownsey said. “We have not seen this before. We hope this is the last time we see it.”

D.J. Moore, a lawyer for Poseidon Water, apologized for the confusion caused by the document.

Moore said there is a critical need for the project as water supplies are threatened by drought and climate change.

“Conservation is not enough,” Moore said. “Desalination provides a drought-proof local water supply.”





Audience members show support for a speaker against the proposed Poseidon desalination plant in Huntington Beach at the California Coastal Commission meeting.  
(Allen J. Schaben/Los Angeles Times)

Last year, the Santa Ana Regional Water Quality Control Board voted to approve a permit for Poseidon Water. That board's review was [clouded by allegations of political interference](#) by Newsom's administration, which was lobbied by Poseidon.

Ahead of that decision, Newsom was criticized by Poseidon's opponents when he was photographed dining at a Napa Valley restaurant while [celebrating the birthday](#) of a friend who has lobbied for the company.

According to state records, the company has spent more than \$979,000 on lobbying in California since 2019.

Poseidon Water proposed to build the plant using some existing infrastructure at the AES Huntington Beach Energy Center, including a 14-foot-wide intake that would draw seawater from the ocean about 1,800 feet offshore. Under the proposal, the desalination plant would have been capable of producing up to 50 million gallons of drinking water a day.

A similar plant 60 miles to the south in Carlsbad, the Claude "Bud" Lewis Carlsbad Desalination Plant, has been churning out drinking water since 2015. Water from the desalination plant, the nation's largest, is sold to the San Diego County Water Authority under a 30-year contract. The water accounts for about 10% of what's used by the area's 3.3 million people, and the Water Authority says the typical monthly cost is about \$5 per household.

Santa Barbara also has an operating desalination plant. And in Dana Point, the South Coast Water District is moving forward with plans to build the Doheny Ocean Desalination Project, a smaller plant that would prevent tiny marine life from being sucked in and killed by drawing seawater through slant wells beneath the ocean floor.

Jones, Poseidon Water's director of communications, said in a statement ahead of the vote that if the permit were rejected, "the path is not clear for new large-scale desalination projects in the state of California."

Several commissioners said they think desalination has a role in addressing California's water needs, just not at this location.

Jack Ainsworth, the commission's executive director, suggested that California should conduct a survey to identify the best locations for future desalination plants along the coast, finding sites that are safe from sea-level rise and seismic hazards, minimize the effects on the coastal ecosystem and are prioritized based on urgent needs for new water supplies in certain areas.

"We all agree and recognize that the ongoing historic drought is a crisis in California and that desalinization facilities will be part of California's future water portfolio," Ainsworth said.

But building this plant in Huntington Beach, he said, would be "the wrong project in the wrong place at the wrong time."



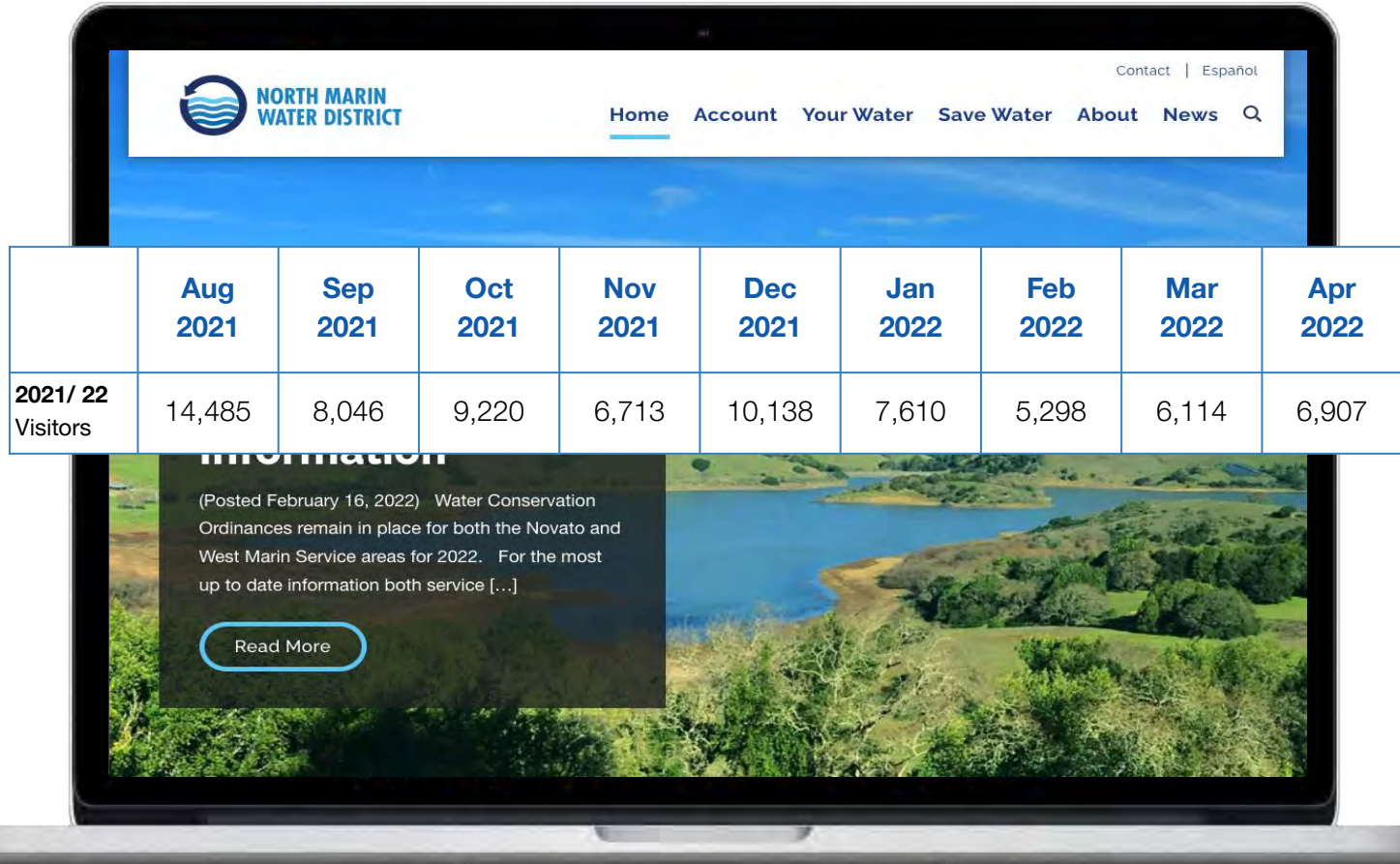
**NORTH MARIN  
WATER DISTRICT**

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# **Web & Social Media Report**

April 2022

# Website Statistics



## Social Media Followers

	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022	Feb-2022	Mar-2022	Apr-2022
 Facebook Followers	1,191	1,291	1,313	1,338	1,376	1,454	1,510	1,571	1,627
 Twitter Followers	52	57	61	63	65	66	66	69	70
 Instagram Followers	549	573	593	599	611	618	630	638	645



## NMWD Most Visited Pages

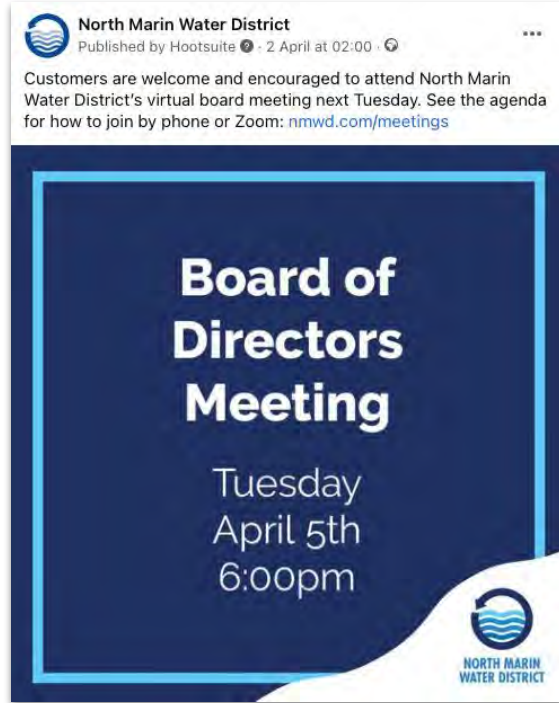
Pages	Unique Pageviews	% of Total
<a href="#">Home</a>	4,006	34.16%
<a href="#">Online Billing</a>	1,801	15.12%
<a href="#">Watersmart</a>	1,122	9.65%
<a href="#">Weather &amp; Production Statistics</a>	668	5.46%
<a href="#">Contact</a>	225	1.68%
<a href="#">Novato Water</a>	216	1.67%
<a href="#">Drought is Here, Save Water.</a>	212	1.66%
<a href="#">Save Water Outdoors</a>	190	1.50%
<a href="#">Request for Proposals and Notices</a>	185	1.39%





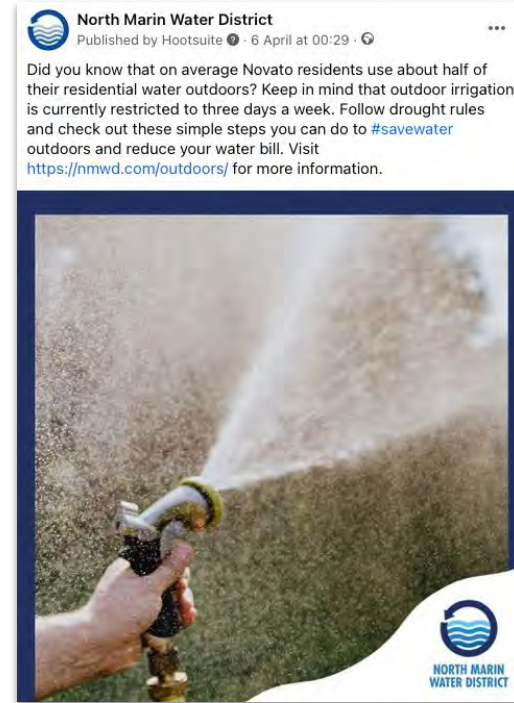


## April Social Media Highlights | Facebook



102 people reached | 0 engagement

*Engagements include likes, reactions, clicks and comments*



175 people reached | 3 engagements





## April Social Media Highlights | Facebook



275 people reached | 10 engagements

*Engagements include likes, reactions, clicks and comments*

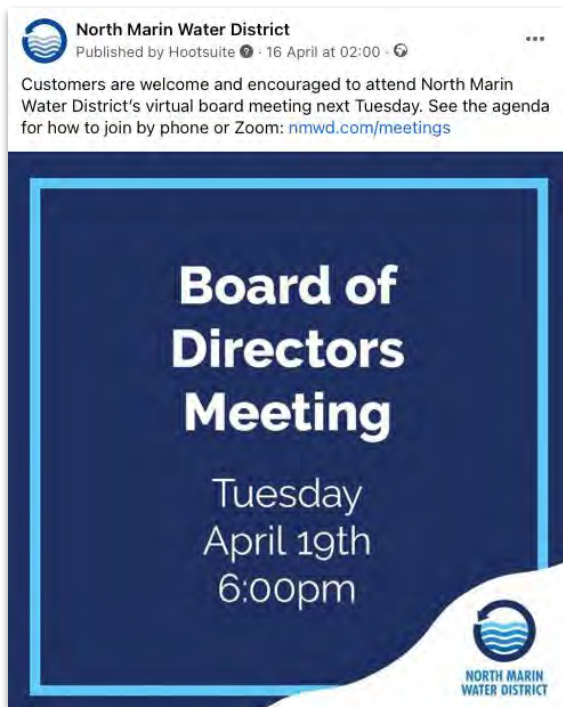


164 people reached | 6 engagements





## April Social Media Highlights | Facebook



137 people reached | 4 engagements

*Engagements include likes, reactions, clicks and comments*



308 people reached | 27 engagements







1,641 people reached | 33 engagements

273 people reached | 15 engagements





## April Social Media Highlights | Facebook



273 people reached | 15 engagements

*Engagements include likes, reactions, clicks and comments*



88 people reached | 5 engagements





## April Social Media Highlights | Facebook



95 people reached | 0 engagement

*Engagements include likes, reactions, clicks and comments*





## April Social Media Highlights | Twitter



**North Marin Water District** @NorthMarinWater · Apr 2

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](https://nmwd.com/meetings)

### Board of Directors Meeting

Tuesday, April 5th  
6:00pm



**North Marin Water District** @NorthMarinWater · Apr 6

Did you know that Novato residents use about half of their residential water outdoors? Remember, outdoor irrigation is currently restricted to three days a week. Follow drought rules and check out [nmwd.com/outdoors/](https://nmwd.com/outdoors/) for what simple steps you can do to [#savewater](#) outdoors.







## April Social Media Highlights | Twitter



**North Marin Water District** @NorthMarinWater · Apr 8

North Marin Water District offers a “Cash-For-Grass” turf replacement incentive. We’ll pay you up to \$1.00 per square foot of lawn area for replacing automatically irrigated lawn area with a District-approved, low water use landscape. Learn more at: [nmwd.com/outdoors/](https://nmwd.com/outdoors/)



**North Marin Water District** @NorthMarinWater · Apr 14

It's [#NationalGardeningDay](#)! Consider low water use crops and plants when you get back in the garden this spring. Look for the 'Water Smart Plant' label at participating nurseries and garden centers.

[#nationalgardeningday2022](#) [#gardening](#) [#flowers](#)







## April Social Media Highlights | Twitter





## April Social Media Highlights | Twitter

 **North Marin Water District** @NorthMarinWater · Apr 20 ...

Join us online on Tuesday, April 26 for a second virtual public workshop exploring potential new water solutions. Share your ideas and get answers to your questions about how to make our community more drought resistant. Visit [nmwd.com/workshop](https://nmwd.com/workshop) for more information.

**Virtual Community Workshop**

Join us online for a second community workshop on potential new water supply solutions.

Find out how to join the online meeting at: [nmwd.com/workshop](https://nmwd.com/workshop)



 **North Marin Water District** @NorthMarinWater · Apr 22 ...

Happy #EarthDay everyone! Today and every day we are doing our part to help customers #conservewater to protect our planet. #earthday2022 #NMWD





## April Social Media Highlights | Twitter



**North Marin Water District** @NorthMarinWater · Apr 26

Recycled water is an important part of North Marin Water District's sustainable supply strategy. We use safe, treated recycled water for landscape irrigation in settings across the District. This reduces the District's use of potable water by up to 10%. [#recycledwater](#) [#didtheyknow](#)

### Did you know?

Recycled water is helping keep our community green.

Continue to conserve.  
For more info visit:  
[nmwd.com/drought](http://nmwd.com/drought)



**North Marin Water District** @NorthMarinWater · 15h

Our Residential Recycled Water Pick-Up Program is now available! Residential customers are welcome to pick up clean, safe, tertiary-treated recycled water which can be used to hand-water outdoor plants. Please visit [nmwd.com](http://nmwd.com) for more information. [#recycledwater](#)





## April Social Media Highlights | Twitter



**North Marin Water District** @NorthMarinWater · Apr 28

Did you know...? It can take up to 1.5 gallons of water to manufacture a single plastic water bottle, and many end up polluting our beaches waterways. Use a refillable container instead and do your part to reduce plastic bottle use. [#savewater](#) [#reuse](#)



**North Marin Water District** @NorthMarinWater · Apr 30

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](https://nmwd.com/meetings)







## April Social Media Highlights | Instagram



3 likes



7 likes





## April Social Media Highlights | Instagram



12 likes



5 likes

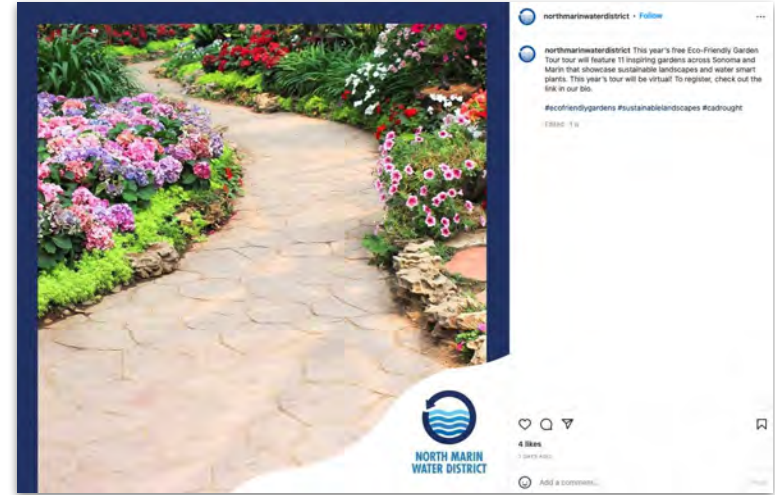




## April Social Media Highlights | Instagram



2 likes



4 likes





## April Social Media Highlights | Instagram



4 likes



8 likes



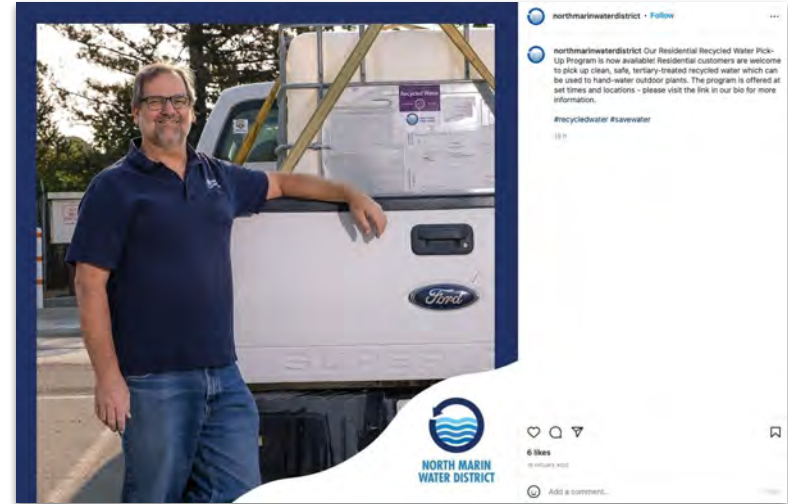




## April Social Media Highlights | Instagram



3 likes

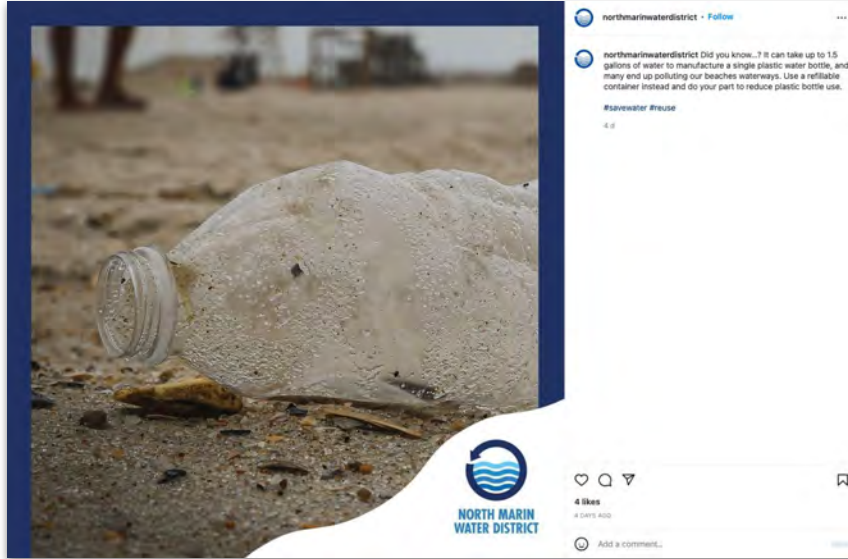


8 likes





## April Social Media Highlights | Instagram



4 likes



2 likes



## April Virtual Community Workshop | Marin IJ Ad

### North Marin Water District Virtual Community Workshop

Join us online for  
a second community  
workshop on  
potential new water  
supply solutions.

**Tuesday**  
**April 26**  
6pm to 7:30pm

For more info and  
instructions on how to  
join the meeting online, visit:  
[nmwd.com/workshop](http://nmwd.com/workshop)

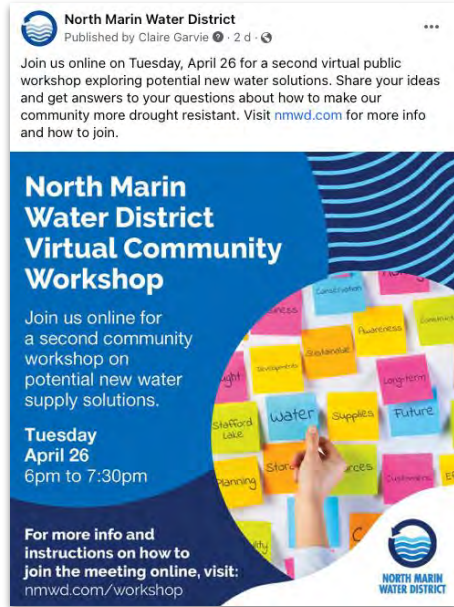


We ran an ad in the Marin IJ to promote the potential new water supply solutions Virtual Community Workshop event on April 26.

The ad ran on Friday April 22.



# April Virtual Community Workshop | Boosted Post Report



We boosted a post for the potential new water supply solutions Virtual Community Workshop event on April 26.

The posts were boosted on Facebook and Instagram from April 20 through April 26.

A summary of reach is detailed below.

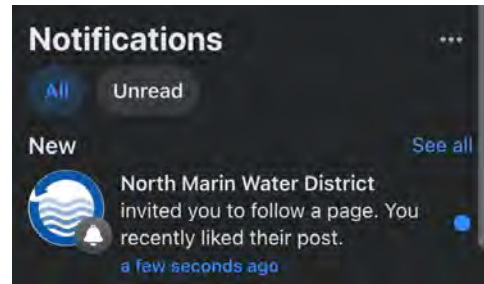
Boosted Post Cost	Reach (Number of people who saw the ad)	Impressions
\$50.00	1,641	2,421



# Facebook Likes Campaign - April Report



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



Spend in April 2022	Reach (Number of people who saw the ad)	Impressions	Results (New Page Likes)	Cost Per New Page Like
\$50.24	3,201	6,384	56	\$0.85

*This month, we were able to reach over **3,201** people with the Likes Campaign*





## News Stories - April

### Residential Recycled Water Fill Station for 2022

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(Updated April 5, 2022) NMWD's Residential Recycled Water Pick-Up Program is back for the 2022 drought. This program provides clean, safe, tertiary-treated recycled water to residential customers to pick up at a select location and time to be used for hand-watering of outdoor plants. There is an annual application fee of \$75 (good through the end of the season in 2022). For more information see the Residential Recycled Water Fill Station section on the Recycled Water Page [here](#).

**The Recycled Water Fill Station will be open on Fridays from 9 a.m. – 1 p.m. beginning on April 15<sup>th</sup>** (Changes or closures will be announced on this web page, so please check back weekly prior to arriving at the fill station).

- (1) [Residential Recycled Water Fill Station for 2022](#)
- (2) [Water Supply Workshop April 26](#)

## What's Next?

- Spring Waterline for Novato Service Area and West Marin
- Design refresh for the 2021 Water Quality Report
- SMWSP “Drought Is Still Here” campaign on social media
- ‘More Information about the current drought’ banner on website homepage



**Thank You**