



**NORTH MARIN WATER DISTRICT**  
**AGENDA - REGULAR MEETING**  
October 19, 2021– 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 of Directors pursuant to Assembly Bill 361 issued by the Governor of the State of California.**

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	Item	Subject										
6:00 p.m.	<b>CALL TO ORDER</b>											
	1.	<b>APPROVE MINUTES FROM REGULAR MEETING</b> , October 5, 2021										
	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 w/ Customer Service Questionnaire</b>										
	<div><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. <table><tr><th><b>Consent - Approve Water Agreement</b></th><th><u>Type</u></th><th><u>DU</u></th><th><u>EU</u></th><th></th></tr><tr><td>6. Redwood Credit Union Remodel – 1010 Grant Ave, APNs:141-264-10, 141-264-26 and 140-264-27</td><td>CM</td><td>0</td><td>0</td><td>Resolution</td></tr></table> 7. <b>Consent – Approve:</b> Renewal of Horizon CATV License Agreement (2021-2026)</div>		<b>Consent - Approve Water Agreement</b>	<u>Type</u>	<u>DU</u>	<u>EU</u>		6. Redwood Credit Union Remodel – 1010 Grant Ave, APNs:141-264-10, 141-264-26 and 140-264-27	CM	0	0	Resolution
<b>Consent - Approve Water Agreement</b>	<u>Type</u>	<u>DU</u>	<u>EU</u>									
6. Redwood Credit Union Remodel – 1010 Grant Ave, APNs:141-264-10, 141-264-26 and 140-264-27	CM	0	0	Resolution								
	<b>ACTION CALENDAR</b>											
	8.	<b>Approve:</b> Consider Approval of Resolution 21-XX Amending Section 6(b) of Emergency Water Conservation Ordinance 41 in the Novato Service Area Resolution										
	9.	<b>Approve:</b> Consider Approval of Resolution 21-XX Amending Section 6(b) of Emergency Water Conservation Ordinance 39 in the West Marin Service Area Resolution										
	<b>INFORMATION ITEMS</b>											
	10.	Strategic Plan Progress Report – Year 3 Review (FY 2020-21)										
	11.	<b>MISCELLANEOUS</b> Disbursements – Dated October 7, 2021 Disbursements – Dated October 14, 2021 Salinity Notice – Point Reyes Light - October 7, 2021 Salinity Notice – Point Reyes Light - October 14, 2021 Drought Drop By – October 9, 2021 Vendor Letter  <u>News Articles:</u> Marin IJ, Marin Voice – North Marin Water District GM sets path amid drought Marin IJ – Water sought for rural homes North Coast Journal – A Moment of Opportunity Press Democrat – Lake Mendocino level now about 75% of what water managers had hoped Marin IJ – Water utilities support relief for rural areas Marin IJ – Water pipeline could be limited Marin IJ – W. Marin saltwater problem with wells Marin IJ – Marin County Drought Tracker										

Est. Time	Item	Subject
		Point Reyes Light – County will buy water for rural homes KPIX CBS SF Bay Area – Salty Tap Water Forces Pt. Reyes Residents To Bottle And Tote Their Own
		<u>Social Media Posts:</u> NMWD Web and Social Media Report – September 2021
7:30 p.m.	12.	<b>ADJOURNMENT</b>

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DRAFT  
NORTH MARIN WATER DISTRICT  
MINUTES OF REGULAR MEETING  
OF THE BOARD OF DIRECTORS  
October 5, 2021

**CALL TO ORDER**

President Grossi 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 Grossi 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 Grossi 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 Grossi announced 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 Grossi 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 Grossi 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 Grossi announced 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) and Pablo Ramudo (Water Quality Supervisor). Also participating remotely was IT consultant Kevin Cozart (Core Utilities).

President Grossi announced for those joining the virtual meeting from the public to identify themselves. Participating remotely were Will Houston (Marin IJ) and Ken Levin (Point Reyes Station Village Association).

**MINUTES**

On motion of Director Joly seconded by Director Petterle the Board approved the minutes from the September 21, 2021 Regular Board Meeting by the following vote:

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

NOES: None

ABSTAIN: None

ABSENT: None

#### **GENERAL MANAGER'S REPORT**

##### Marin Voice Submission in Marin IJ

Mr. McIntyre announced he submitted a Marin Voice article that was published in the Marin IJ on Saturday, October 2<sup>nd</sup>. He stated the article was produced as a means to get the word out to our customers on what NMWD has done in the past, what we are currently doing, and what our plans are for the future in regards to water supply.

##### Kastania Pump Station Project

Mr. McIntyre reported he and Mr. Williams have had ongoing meetings with MMWD and SCWA staff in reference to MMWD's Kastania Pump Station Project. He stated they are working on three agreements that will come to the Board at the same time, first as an information item and then as an action item at the following meeting.

##### Drop By Event October 9th

Mr. McIntyre informed the Board that NMWD will be participating in our third Drought Drop By event on Saturday from 8 a.m. until noon. He added it will be located in front of the District office and we expect 200-300 people to stop by and pick up their buckets filled with a showerhead, shower timer, hose nozzle, sink aerator and toilet leak detection tablets. McIntyre noted the event was promoted in the Waterline newsletter, the Novato Advance, Marin IJ online and on social media posts starting October 6<sup>th</sup>.

##### Emergency Water Conservation Ordinance 39 (West Marin) and 41 (Novato)

Mr. McIntyre apprised the Board that staff is working on revisions to the Emergency Water Conservation Ordinance's for both West Marin and Novato to provide an indefinite extension of the Stage 2 conservation level. He noted the proposed extension would stay in effect during the continued drought conditions until we get substantial rainfall.

Director Petterle asked if staff anticipated any CEQA action for the Kastania Pump Station Project. Mr. McIntyre replied yes. Director Petterle asked if the action will be based on a categorically exemption. Mr. McIntyre responded yes.

67 **OPEN TIME**

68 President Grossi asked if anyone from the public wished to bring up an item not on the  
69 agenda and the following was discussed.

70 Ken Levin asked if Mr. McIntyre could address the question of salinity. Mr. Levin stated  
71 he was confused as to why sometimes the salinity levels are high and then they drop to a lower  
72 number. Mr. Levin asked if it has something to do when the test was taken and suggested that  
73 the District could maybe test more often. Mr. McIntyre replied a West Marin salinity update will  
74 be addressed as part of the oral staff report by Mr. Clark and Mr. Ramudo.

75 **STAFF/DIRECTORS REPORTS**

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

78 Mr. Clark provided an update on West Marin salinity intrusion and reported staff continue  
79 to test in several locations. He stated the primary location to test the potable water is at the Red  
80 Barn in Point Reyes Station, however, they also have several other locations in the service area  
81 including Inverness Park and Point Reyes Station. Mr. Clark noted staff has seen salinity fluctuate  
82 and have had this discussion internally. He reported the low-salinity water bottle fill station is  
83 being prepared for service and it will be available this Friday. Mr. Clark noted the hours will be  
84 Tuesdays 1:30 p.m. to 4:30 p.m. and on Fridays from 9 a.m. to 1 p.m. He added that the station  
85 will be open two days a week and it will be available as long as the sodium level is above 115  
86 mg/L. Mr. Clark announced there will be a notice in the paper and on our website along with a  
87 map of the fill station location. Mr. Ramudo added that the fill station schedule could change  
88 depending on the interest by our residents.

89 Mr. Williams updated the Board on the West Marin Gallagher Well No. 2 pumping test.  
90 He added there will be a full report submitted to the California Department of Fish and Wildlife.  
91 Director Joly asked if he could give the parameters of what we are testing for. Mr. Williams replied  
92 while keeping a steady pump rate they are looking for any noticeable effects on stream flow and  
93 level in Lagunitas Creek.

94 Ms. Blue updated the Board on a new Senate Bill that was signed on September 23rd  
95 which will extend the grace period for those customers that could have their service shut off for  
96 nonpayment. She noted this grace period has been extended to December 31<sup>st</sup> and staff will  
97 continue to monitor the delinquent amount due.

98 **CONSENT ITEMS**

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

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

102 NOES: None

103 ABSTAIN: None

104 ABSENT: None

105 **HIGH PRESSURE WATER SERVICE AGREEMENT, 59 BRIDGE ROAD, APRN 143-200-23**

106 The Board approved a High-Pressure Water Service Agreement for 59 Bridge Road, APN  
107 143-200-23. This project includes construction of a single-family home, installation of a new 1-  
108 inch potable water service and a residential fire hydrant upon a 0.6-acre parcel located at the end  
109 of Bridge Road.

110 **TEXT FOR FALL 2021 WEST MARIN "WATERLINE" ISSUE 20**

111 The Board approved the text for the Fall 2021 West Marin Waterline, Issue 20. This issue  
112 focuses on the West Marin water shortage situation, District response to the salinity intrusion in  
113 the West Marin Service Area and water conservation programs available to customers.

114 **AUDITOR-CONTROLLER'S STATEMENT OF INVESTMENT POLICY**

115 The Board approved the Auditor-Controller's Statement of Investment Policy. There were  
116 no changes proposed in the Investment Policy from that approved by the Board last year.

117 **ACTION ITEMS**

118 **BOARD OF DIRECTORS – MEETINGS BY TELECONFERENCE**

119 The continuation of the Board of Directors meetings by Teleconference was discussed.  
120 Mr. McIntyre reported over the past eighteen months to protect attendees from potential exposure  
121 to the novel coronavirus disease, the Board meetings have been held virtually. He stated on  
122 September 16, 2021 the Governor Signed AB 361 amending the Brown Act to allow local  
123 legislative bodies to continue to conduct meetings virtually under specified conditions. Mr.  
124 McIntyre stated he is recommending that that Board adopt the resolution proclaiming that remote  
125 meetings should continue due to the ongoing public health state of emergency. He noted the  
126 resolution would only be in effect for thirty days and would run from October 5, 2021 through  
127 November 4, 2021. Mr. McIntyre added he envisions as long as there is a mask mandate in Marin  
128 County we will continue with meetings by teleconference and that another resolution would come  
129 to the Board at the November 2<sup>nd</sup> meeting

130 President Grossi asked if there were any comments from the public and there were none.

131 On the motion of Director Joly, and seconded by Director Fraites the Board adopted  
132 Resolution No. 21-22: "Resolution Finding Proclaimed State of Emergency, that Local Officials  
133 Continue to Recommend Physical Distancing, and that Meeting in Person Would Present  
134 Imminent Risks to the Health or Safety of Attendees; and Authorizing Meeting by Teleconference



of Legislative Bodies of North Marin Water District from October 5, 2021 through November 4, 2021 Pursuant to Brown Act Provisions” by the following vote:

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

NOES: None

ABSTAIN: None

ABSENT: None

#### **INFORMATION ITEMS**

#### **TEMPORARY URGENCY CHANGE PETITION (TUCP) FOR LAGUNITAS CREEK - MMWD**

Mr. Williams. reported on the Temporary Urgency Change Petition (TUCP) for Lagunitas Creek submitted by Marin Municipal Water District. He stated the TUCP requested temporary changes to the required releases from Kent Lake in light of the drought conditions and historical low levels in the reservoir. He noted the requested changes to the Kent Lake releases was based on a comprehensive Lagunitas Creek Instream Flow Study conducted earlier this year. Mr. Williams added the focus of the study was to show that the change request will not result in an unreasonable effect on the Coho, Steelhead and Freshwater Shrimp species. Mr. Williams reported prior to the study flows in Lagunitas Creek dropped as low as 1 cfs and historically this had no impact at the wells.

Director Joly wanted to confirm staff does not believe this will impact the Gallagher or Coast Guard wells. Additionally, he asked if the Department of Fish and Wildlife (DFW) had to sign off on the TUCP or if they monitor the creek independently. Mr. Williams replied there is no indication of concern based on historical flow, and the State Water Board has the authority and they coordinate with NMWD and DFW. He reported it is a temporary request and there is no grounds for concern. Director Petterle stated from 1983-1990 he was a senior manager at MMWD and the dam was raised and finished in 1986. He added the water rights were approved in 1995 and it was a ten-year process before they had the rights to store additional capacity. Director Petterle noted these projects do not happen overnight and take time.

President Grossi asked if there were any comments from the public and the following was discussed.

Mr. Levin thanked Mr. Williams for his explanation. He stated it is hard to figure out what is going on and asked if it would change the dry year releases. Mr. Williams responded by summarizing the TUCP requested flow regime changes.

Mr. Levin stated his concern is that all these factors coming together might affect drinking water in Gallagher Well No. 1 and he hoped it does not affect the Coastal Commission view of what is happening. He added everyone is concerned if the flow at the Samuel P. Taylor Park

gauge drops below a certain level, who is responsible for the releases. Mr. Williams replied MMWD is responsible for the releases. Mr. McIntyre noted the most critical time is during the summer months when Lagunitas flow is the lowest and MMWD is not proposing to reduce these creek flows below 6 cfs. He added that due to current dry year conditions and very low tributary flows into Lagunitas Creek, on July 1 the District requested MMWD maintain flow levels above the 6 cfs threshold at the Park gage equal to 120% of what is pumped at Gallagher Well in an abundance of caution. Mr. Levin stated he appreciated that, as there was some criticism towards the District in the past on this issue and he wanted to be able to answer those critics correctly when he engages in discussion with them.

Director Grossi thanked Mr. Williams for his report, and also thanked Mr. Levin for his support of the Gallagher wells.

#### **MARIN COUNTY'S REQUEST FOR EMERGENCY DRINKING WATER**

Mr. Williams discussed the County of Marin's efforts to develop an emergency drinking water program for rural homes with wells that are running dry. He stated county staff identified a small number of county residents located outside of NMWD and MMWD boundaries, that may need access to potable water for human health needs over the next several months. Mr. Williams added the District's West Main water supply would not be used due to limited capacity. Mr. Williams noted the Novato Service Area potable water via a hydrant meter is available to the County Agriculture Department for agricultural users in Marin County. He stated this metered hydrant location would also be used for specific, county approved, and emergency residential needs. He noted NMWD's participation would be a very small quantity of water.

Mr. McIntyre added that Sonoma County is developing a similar program

President Grossi asked if there were any comments from the public and there were none.

#### **OVERVIEW OF REDISTRICTING BASED ON THE 2020 CENSUS**

Mr. McIntyre presented an overview of redistricting based on the 2020 Census. He added that staff and legal counsel anticipate providing the Board with a presentation on the redistricting process at the December 7, 2021 Board Meeting. Additionally, Mr. McIntyre advised that staff also anticipates holding public hearings on proposed adjustment to the District's electoral division boundaries at the January 18 and February 15, 2022 Board Meetings. Mr. McIntyre noted the District was fortunate to contract with the same demographers and special counsel as we used in 2019. He noted he does not anticipate much change, but the process must be done by April 17, 2022 in order to comply with SB 594.

Director Grossi stated the District just went through this process three years ago, it is costly and if the changes are minimum, does it leave us some room to leave it as it is. Mr. McIntyre

replied unfortunately no. Director Joly asked if this will be in place for the 2022 election. Mr. McIntyre confirmed, reiterating he does not anticipate much change in the boundary lines, but that remains to be seen.

President Grossi asked if there were any comments from the public and there were none.

**GALLAGHER WELL NO. 2 – UPDATE ON COASTAL PERMIT APPEAL TO CALIFORNIA COASTAL COMMISSION (COUNTY ID P 3010)**

Mr. McIntyre updated the Board on the Gallagher Well No. 2 Coastal Permit Appeal to the California Coastal Commission. He reported that Commission staff is recommending the Commission determine that the appeal raises no substantial issue. He apprised the Board that the remote hearing date is scheduled for Friday, October 15<sup>th</sup>. Mr. McIntyre reported staff, legal counsel and the District's environmental consultant ESA prepared a response to not only address SOS' most recent appeal but also support Commission Staff recommendations. He added that this response will be submitted to the Commission in advance of the Appeal Hearing date.

Director Grossi stated there should be some contact made to the Coastal Commission, and offered to reach out and make contact. Director Joly stated he saw it as good news. Mr. Levin noted he wrote to the Coastal Commission as a member of the Point Reyes Station Village Association, therefore he will be prepared to speak. Mr. McIntyre thanked Mr. Levin for all his support and participation. Director Joly commended Mr. Levin on a job well done.

President Grossi asked if there were any comments from the public and there were none.

**MISCELLANEOUS**

The Board received the following miscellaneous items: Disbursements - Dated September 23, 2021, Disbursements – Dated September 30, 2021, Point Reyes Light – Salinity Notice September 16, 2021, Point Reyes Light – Salinity Notice September 23, 2021, Point Reyes Light – Salinity Notice September 30, 2021, Three-Month Outlook Temperature and Precipitation Probability, Assembly Member Marc Levine – Conserve Water. Preserve California. – Mailer and Disposal of Surplus Equipment.

The Board received the following news articles: Marin IJ – Marin County Drought Tracker; Marin IJ – Dam Downsides – WATER SUPPLY; AWWA – U.S. tap water consumer poll: high satisfaction, though a quarter struggle to pay bills; Marin IJ – State falls short on water savings; Marin IJ – Marin Voice - Desalination is not the answer to district water shortage and Marin IJ – Novato drawing new boundaries.

Mr. McIntyre brought to the Board's attention that Ms. Kehoe updated the agenda on the website today in respect to the three-month weather forecast. The previous one in the agenda was outdated and the updated forecast shows an equal chance of above or below average rainfall

237 from October through December. Director Grossi stated the Farmer's Almanac will be coming  
238 out with another report on La Nina next week, noting the prediction is higher than normal for the  
239 next three months and then dry after that.

240 **ADJOURNMENT**

241 President Grossi adjourned the meeting at 7:08 p.m.

242 Submitted by

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244 Theresa Kehoe

245 District Secretary

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**NORTH MARIN WATER DISTRICT**  
**MONTHLY PROGRESS REPORT FOR September 2021**  
 October 19, 2021

**Item #5**

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%
FYTD Total	709.7	857.3	885.3	897.0	926.4	-17%

**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%
FYTD Total	17.6	25.3	25.0	29.7	26.6	-30%

**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%
FYTD Total	139.9	203.0	286.9	218.4	316.8	-31%

**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	46.4	43.2	33.3	30.6	26.1	7%
September	34.6	29.5	29.7	33.5	25.0	17%
FYTD Total*	123.9	111.6	99.5	94.3	78.8	11%

\*Excludes potable water input to the RW system: FY22=1.2 MG; FY21=24.7 MG; FY20=19.4; FY19=20.6 MG; FY18=15.8MG

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**2. Stafford Lake Data**

	<b>September Average</b>	<b>September 2021</b>	<b>September 2020</b>
Rainfall this month	0.23 Inches	0.00 Inches	0.00 Inches
Rainfall this FY to date	0.29 Inches	0.00 Inches	0.07 Inches
Lake elevation*	182.7 Feet	178.0 Feet	179.5 Feet
Lake storage**	579 MG	394 MG	447 MG

\* Spillway elevation is 196.0 feet

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

**Temperature (in degrees)**

	<b>Minimum</b>	<b>Maximum</b>	<b>Average</b>
September 2021 (Novato)	60	113	81
September 2020 (Novato)	57	120	78

### 3. Number of Services

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September 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	20,771	20,787	-0.1%	99	99	0.0%	798	792	0.8%	-	-	-
Total meters active	20,621	20,566	0.3%	96	94	2.1%	787	783	0.5%	-	-	-
Active dwelling units	24,097	24,084	0.1%	-	-	-	837	833	0.5%	235	235	0.0%

### 4. Oceana Marin Monthly Status Report (September)

Description	September 2021	September 2020
Effluent Flow Volume (MG)	0.428	0.583
Irrigation Field Discharge (MG)	0.918	0.656
Treatment Pond Freeboard (ft)	7.5	7.8
Storage Pond Freeboard (ft)	Pond is dry.	7.2

### 5. Developer Projects Status Report (September)

Job No.	Project	% Complete	% This month
1.2820.00	Bahia Heights	96	0
1.2837.00	McPhails Phase 2A	99	0
1.2831.00	Landsea Homes	95	0
1.2817.03	COM-Miwok Center	99	3
1.2841.00	Hamilton Village	95	5
1.2821.00	Atherton Place	98	0
1.2836.00	Residence Inn	5	0

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

Job No.	Project	% Complete	% This month
1.1798.00	Replace Valves on Center Road	5	5
1.7162.06	New RW Hydrants	95	90
2.2720	Silver Hills	5	5

### Employee Hours to Date, FY 20/21

As of Pay Period Ending September 30, 2021  
Percent of Fiscal Year Passed = 25%

Developer Projects	Actual	Budget	% YTD Budget	District Projects	Actual	Budget	% YTD Budget
Construction	312	1,400	22%	Construction	435	3,460	13%
Engineering	647	1,504	43%	Engineering	544	2,722	22%

### 6. Safety/Liability

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FY 22 through Sept  
FY 21 through Sept

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) (\$)
43	\$9,542	1	1	0	\$0
11	\$4,840	1	1	1	\$6,590

Days since lost time accident through Sept. 30, 2021

70 Days

## 7. Energy Cost

FYE	September			Fiscal Year-to-Date thru September		
	kWh	¢/kWh	Cost/Day	kWh	¢/kWh	Cost/Day
2022 Stafford TP <sup>1</sup>	60,501	21.9¢	\$441	128,074	21.7¢	\$302
Pumping	132,983	27.7¢	\$1,228	425,067	27.6¢	\$1,275
Other <sup>2</sup>	39,761	31.6¢	\$418	121,782	31.4¢	\$415
	233,245	26.8¢	\$2,087	674,923	27.2¢	\$1,992
2021 Stafford TP	46,911	20.3¢	\$315	231,746	19.6¢	\$494
Pumping	166,630	25.4¢	\$1,409	522,134	25.6¢	\$1,468
Other <sup>2</sup>	49,054	30.3¢	\$495	146,695	30.3¢	\$488
	262,595	25.4¢	\$2,219	900,575	24.8¢	\$2,450
2020 Stafford TP	102,399	18.3¢	\$625	271,853	18.7¢	\$553
Pumping	164,510	23.5¢	\$1,286	503,428	23.4¢	\$1,293
Other <sup>2</sup>	50,757	27.9¢	\$472	161,040	27.7¢	\$491
	317,666	22.5¢	\$2,383	936,321	22.8¢	\$2,337

<sup>1</sup>Actual electricity used 22,280kWh.

<sup>2</sup>Other includes West Marin Facilities

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## 8. Water Conservation Update

	Month of September 2021	Fiscal Year to Date	Program Total to Date
High Efficiency Toilet (HET) Rebates	11	40	4,315
Retrofit Certificates Filed	9	25	6,857
Cash for Grass Rebates Paid Out	9	28	976
Washing Machine Rebates	4	9	6,839
Water Smart Home Survey	0	0	3,899

## 9. Utility Performance Metric

SERVICE DISRUPTIONS (No. of Customers Impacted)	September 2021	September 2020	Fiscal Year to Date 2021	Fiscal Year to Date 2020
PLANNED				
Duration Between 0.5 and 4 hours	28*	8	53	63
Duration Between 4 and 12 hours				
Duration Greater than 12 hours				
UNPLANNED				
Duration Between 0.5 and 4 hours	1	1	3	28
Duration Between 4 and 12 hours				
Duration Greater than 12 hours		1		1
SERVICE LINES REPLACED				
Polybutylene	4	9	17	41
Copper (Replaced or Repaired)	3	0	15	3

21 Associated with – 6-inch valve replacement at 1103 Simmons Lane

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

	Total
Increase in on-call Labor Costs	\$ 115,600
Payroll Accounts Receivable Collection Costs	\$ 11,500
Time off to Employees for COVID related reasons* -	\$ 46,300
Vendor Expenses - Including Legal Fees	\$ 44,900
Total Covid-19 Costs to Date	\$ 218,300

\* 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 09/2019	Last Year 09/2020	This Year 09/2021
Customer Accounts Past Due (count)	1.9%	5.3%	3.3%
Delinquent Balances % Due on Account	2.7%	8.4%	9.8%
Delinquent Balances \$ Due on Account*	\$ 51,000	\$ 107,000	\$ 124,000

\* High balance on record of \$150K in 02/2021.

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# NORTH MARIN WATER DISTRICT

## Summary of Complaints & Service Orders September 2021

10/7/2021

Type	Sep-21	Sep-20	Action Taken September 2021
<b><u>Consumers' System Problem</u></b>			
Service Line Leaks	23	34	Notified Consumer
Meter Leak Consumer's Side	5	0	Notified Consumer
House Plumbing	24	0	Notified Consumer
Noisy Plumbing	2	1	Notified Consumer
Seepage or Other	3	0	Notified Consumer
House Valve / Meter Off	16	5	Notified Consumer
Nothing Found	13	6	Notified Consumer
Low Pressure	1	4	Checked pressure - 95 PSI
High Pressure	0	1	~
Water Waster Complaints	2	0	Notified Consumer
<b>Total</b>	<b>89</b>	<b>51</b>	
<b><u>Service Repair Reports</u></b>			
Register Replacements	1	0	Replaced
Meter Replacement	4	3	Replaced
Box and Lids	0	2	~
Water Off/On Due To Repairs	2	8	Notified Consumer
Misc. Field Investigation	1	9	Notified Consumer
<b>Total</b>	<b>8</b>	<b>22</b>	
<b><u>Leak NMWD Facilities</u></b>			
Main-Leak	2	0	Repaired
Service- Leak	5	11	Repaired
Fire Hydrant-Leak	2	0	Repaired
Meter Replacement	1	0	Repaired
Meter Leak	2	0	Repaired
Meters Damaged	0	1	~
Washer Leaks	3	7	Repaired
<b>Total</b>	<b>15</b>	<b>19</b>	
<b><u>High Bill Complaints</u></b>			
Consumer Leaks	0	1	~
Meter Misread	0	1	~
Nothing Found	0	1	~
Excessive Irrigation	0	3	~
<b>Total</b>	<b>0</b>	<b>6</b>	
<b><u>Low Bill Reports</u></b>			
<b>Total</b>	<b>0</b>	<b>0</b>	
<b><u>Water Quality Complaints</u></b>			
<b>Total</b>	<b>0</b>	<b>0</b>	
<b>TOTAL FOR MONTH:</b>	<b>112</b>	<b>98</b>	<b>14%</b>

**Fiscal YTD Summary**

Consumer's System Problems	89	51
Service Repair Report	8	22
Leak NMWD Facilities	15	19
High Bill Complaints	0	6
Total	<u>112</u>	<u>98</u>

**Change Primarily Due To**

75% Increase In House Plumbing Calls
-64% Decrease In Misc Field Investigations
-21% Decrease In Washer Leaks.
Decrease In Excessive Irrigation.
<u>14%</u>

**"In House" Generated and Completed Work Orders**

<u>Check Meter:</u>	100	62
<u>Change Meter:</u>	0	12
<u>Possible Stuck Meter:</u>	8	12
<u>Repair Meter:</u>	18	0
<u>Dig Outs</u>	1	1
	<u>127</u>	<u>87</u>

**Bill Adjustments Under Board Policy:****September 21 vs. September 20**

Sep-21	13	\$3,836
Sep-20	14	\$7,426

**Fiscal Year vs Prior FY**

21/22 FY	47	\$15,089
20/21 FY	47	\$21,009

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## Customer Service Questionnaire Quarterly Report

Quarter Ending 09/30/21



NMWD

	Response		
	Agree	Neutral	Disagree
<b>Water Quality</b>			
Courteous & Helpful	0	0	0
Accurate Information	0	0	0
Prompt Service	0	0	0
Satisfactorily Resolved	0	0	0
Overall Experience	0	0	0
	0	0	0

	Response		
	Agree	Neutral	Disagree
<b>Leak</b>			
Courteous & Helpful	61	1	0
Accurate Information	59	3	0
Prompt Service	56	5	2
Satisfactorily Resolved	55	6	2
Overall Experience	59	3	0
	290	18	4

	Response		
	Agree	Neutral	Disagree
<b>Billing</b>			
Courteous & Helpful	1	0	0
Accurate Information	1	0	0
Prompt Service	1	0	0
Satisfactorily Resolved	1	0	0
Overall Experience	1	0	0
	5	0	0

Questionnaires Sent Out	173	100%
Questionnaires Returned	80	46%

	Response		
	Agree	Neutral	Disagree
<b>Pressure</b>			
Courteous & Helpful	5	0	0
Accurate Information	5	0	0
Prompt Service	5	0	0
Satisfactorily Resolved	5	0	0
Overall Experience	5	0	0
	25	0	0

	Response		
	Agree	Neutral	Disagree
<b>Noisy Pipes</b>			
Courteous & Helpful	0	0	0
Accurate Information	0	0	0
Prompt Service	0	0	0
Satisfactorily Resolved	0	0	0
Overall Experience	0	0	0
	0	0	0

	Response		
	Agree	Neutral	Disagree
<b>Other</b>			
Courteous & Helpful	11	0	0
Accurate Information	11	0	0
Prompt Service	11	0	0
Satisfactorily Resolved	11	0	0
Overall Experience	11	0	0
	55	0	0

<b>Grand Total</b>	375	18	4
	94%	5%	1%

Customer Service Questionnaire Quarterly Report

Quarter Ending : 09/30/2021

Customer Comments	Staff Response
<b>PRESSURE</b>	
Excellent work and thoroughly explained. Very pleasant	
Good service	
Happy with service	
Prompt service and Darrell was great & courteous	
<b>BILLING</b>	
<b>LEAK</b>	
Water leak is broken again	Sent out FSR to address the leak
Need more immediate notification of leak	
Very nice service men	
Rich was informative, prompt, courteous, and helpful	It would be helpful if consumers could shut main off in case of emergency
Really sweet guy excellent and quick service	
Prompt service	Temp repairs in 48 hrs, still awaiting final repairs
Amazingly prompt, courteous helpful service	
Still leaking pre meter	Sent out Chris to follow up
Helpful, Kind, and informative, appreciate the quick response.	
Excellent service, arrived in 20 minutes	We need massive desalination and convert existing areas to R/W
Called a week ago no one has contacted me in anyway	7-27-21 called customer w/ outcome said we would keep an eye on it. JP
Chris was absolutely great, did his best to help me	
Still leaking 5 gph	Sent out rep t/m 7/19/21 meter ok
Had contact with Rich and Chris who were very knowledgeable, courteous	
Very pleased with phone calls also	
Notified of leak and basically was told I was on my own. I should have received guidance from NMWD representative Chris gave me some educational information as well as finding the leak	explained how to check toilets - landscaper was there at time of call told customer to call
Thank you for the quick response	
Good job	
Notified of leak on Friday. Unable to get anyone out till Tuesday. Not happy with the delay, expecting	Sent out FSR to follow up
Prompt to check leak. Took a week for crew to fix the problem	
Discovered leak in toilet, installed new toilet. Thank you!	
Excellent response and fast work. Guys were all GREAT	
Still awaiting reinspection next week - staff very nice	
Thank you for sending out Darrell. He was extremely helpful. Went above and beyond to help me.	
Call was for moisture around meter. Tech came out & found no leak	Tag made 7/20/21 no leak
Arrived with in 10 minutes, shut off water and advised on how to solve the problem	
Thanks Rich for helping me install 'water smart' on my computer. It has become very helpful.	
Prompt and great service	
Very helpful and knowledgeable	
Very helpful A+	
Happy with the great service	
Very helpful in an emergency	
Very helpful and professional	
Cleared the meter box so it is easy to read	
Great service thanks!	
At work, would have liked a note explaining what was done/ expect.	
Great service!!	
Great advice thanks!	
Rich and Chris very helpful	
Arrived quickly!	
Arrived quickly, very nice guy and good job	
The email service for excessive use of water is excellent	
Chris was so nice and went out of his way to help. Woman in the office was also very nice and	
So thankful and great service!	
Love the staff!	
Darrell is an asset to NMWD, courteous and professional	
Consumer repairs pending	
Helpful before a 3 day weekend	
Very nice service men	
Chris was very knowledge and professional. He was patient and helpful.	Provided resturants with tent cards on asking for water
Excellent staff all around!	
Great response time!	
Prompt and wonderful staff	
We were notified of the leak, now we have a plumber coming out, bill adjustment denied	
Excellent service	
Very prompt and helpful	
<b>OTHER</b>	
Rich was very helpful and insightful. Showed me how to conserve more water.	
Prompt and Fantastic service	
Courteous and informative service	
Very Helpful	
Chris was very helpful and prompt	
Create more water storage/supply	
All okay- Thanks.	Charge for water used and lower your monthly (bi) service charge. Rate you are going,in 10 years the service charge will bwee 100 per bill!



## MEMORANDUM

To: Board of Directors

October 15, 2021

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

Subj: Auditor-Controller's Monthly Report of Investments for September 2021  
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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 \$25,937,045 and a market value of \$25,938,819. During September the cash balance increased by \$688,777. The market value of securities held increased \$1,774 during the month. The ratio of total cash to budgeted annual operating expense stood at 139%, up 4% from the prior month.

At September 30, 2021, 83% of the District's Portfolio was invested in California's Local Agency Investment Fund (LAIF), 11% 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 35 days, compared to 39 days at the end of August. The LAIF interest rate for the month was 0.21%, compared to 0.22% the previous month. The weighted average Portfolio rate was 0.31%, compared to 0.34% the previous month.

Investment Transactions for the month of September are listed below:

9/1/2021	US Bank	LAIF	\$350,000.00	Trsf to LAIF account
9/7/2021	Capital One Bank	US Bank	\$247,023.68	TCD Matured
9/8/2021	US Bank	LAIF	\$300,000.00	Trsf to LAIF account
9/9/2021	US Bank	UBS Bank	\$249,000.00	Purchase .35% TCD due 9/11/23
9/14/2021	US Bank	LAIF	\$350,000.00	Trsf to LAIF account
9/17/2021	US Bank	LAIF	\$100,000.00	Trsf to LAIF account
9/23/2021	LAIF	US Bank	\$650,000.00	Trsf from LAIF account
9/27/2021	US Bank	LAIF	\$300,000.00	Trsf to LAIF account

**NORTH MARIN WATER DISTRICT  
AUDITOR-CONTROLLER'S MONTHLY REPORT OF INVESTMENTS  
September 30, 2021**

Type	Description	S&P Rating	Purchase Date	Maturity Date	Cost Basis <sup>1</sup>	9/30/2021 Market Value	Yield <sup>2</sup>	% of Portfolio
<b>LAIF</b>	State of CA Treasury	AA-	Various	Open	\$21,387,150	\$21,388,925	0.21% <sup>3</sup>	<b>83%</b>
<b>Time Certificate of Deposit</b>								
TCD	Goldman Sachs Bank USA	n/a	10/11/19	10/12/21	247,000	247,000	1.70%	1%
TCD	Flagstar Bank	n/a	11/15/19	11/15/21	247,000	247,000	1.75%	1%
TCD	Synovus Bank	n/a	12/9/19	12/9/21	247,000	247,000	1.65%	1%
TCD	Morgan Stanley Bank	n/a	1/16/20	1/18/22	247,000	247,000	1.75%	1%
TCD	Wells Fargo National Bank	n/a	3/6/20	3/7/22	248,000	248,000	1.35%	1%
TCD	American Express Natl Bank	n/a	4/7/20	4/7/22	248,000	248,000	1.35%	1%
TCD	Synchrony Bank	n/a	4/17/20	4/18/22	248,000	248,000	1.20%	1%
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%
					<b>\$2,976,000</b>	<b>\$2,976,000</b>	<b>1.10%</b>	<b>11%</b>
<b>Other</b>								
Agency	Marin Co Treasury	AAA	Various	Open	\$1,045,676	\$1,045,676	0.22%	4%
Other	Various	n/a	Various	Open	528,219	528,219	0.41%	2%
<b>TOTAL IN PORTFOLIO</b>					<b>\$25,937,045</b>	<b>\$25,938,819</b>	<b>0.31%</b>	<b>100%</b>
Weighted Average Maturity =				<b>35 Days</b>				

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 September 30, 2021

<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	\$1,123,951	1.00%
Marin Municipal Water - AEEP	7/1/14	7/1/32	\$3,600,000	\$1,930,238	2.71%
Employee Housing Loans (2)	Various	Various	525,000	525,000	Contingent
<b>TOTAL INTEREST BEARING LOANS</b>			<b>\$5,390,295</b>	<b>\$3,579,189</b>	

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

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10/15/2021

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# NMWD Portfolio Rate of Return

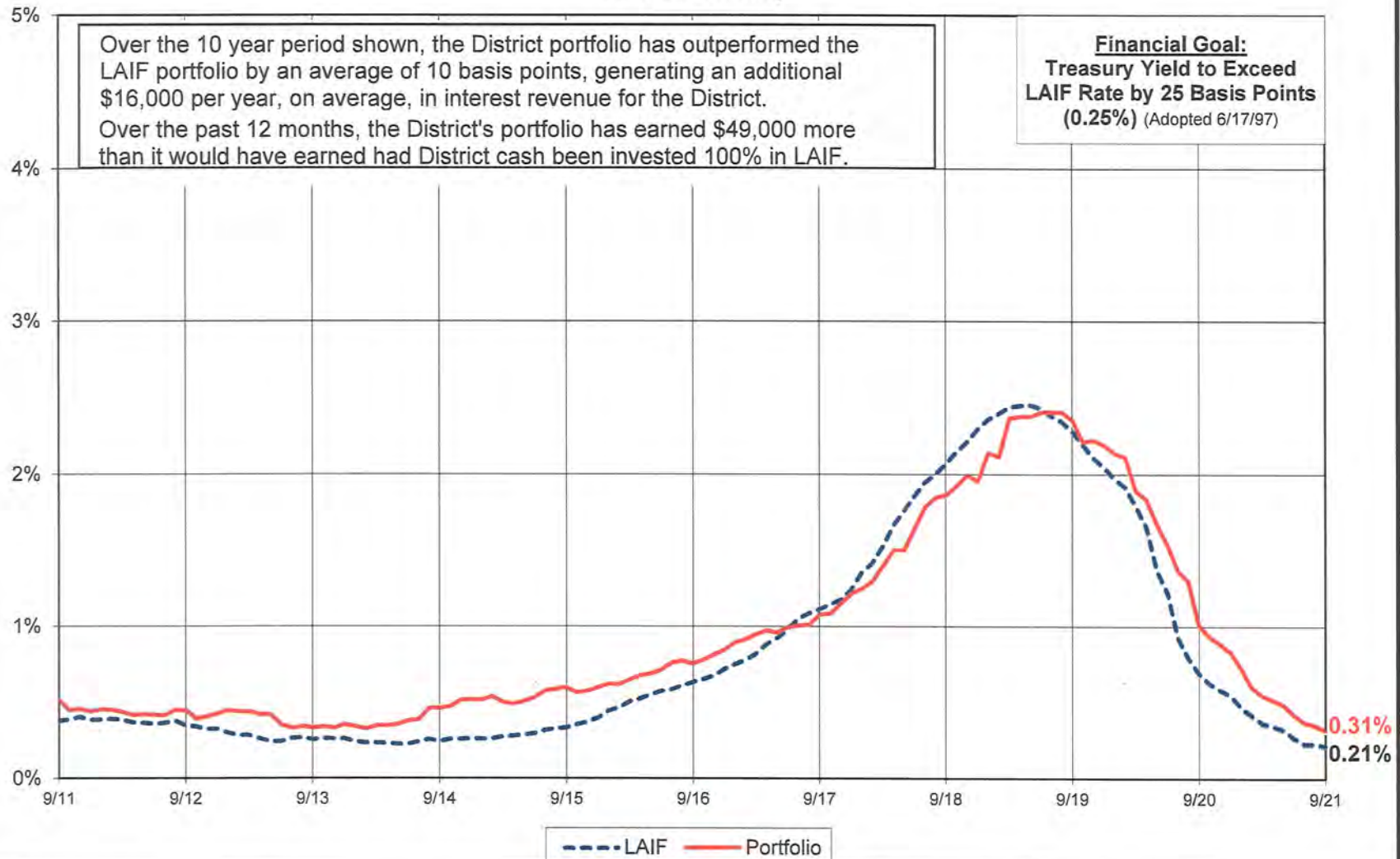
## State of CA Local Agency Investment Fund vs District Portfolio

### 10-Year History

Over the 10 year period shown, the District portfolio has outperformed the LAIF portfolio by an average of 10 basis points, generating an additional \$16,000 per year, on average, in interest revenue for the District.

Over the past 12 months, the District's portfolio has earned \$49,000 more than it would have earned had District cash been invested 100% in LAIF.

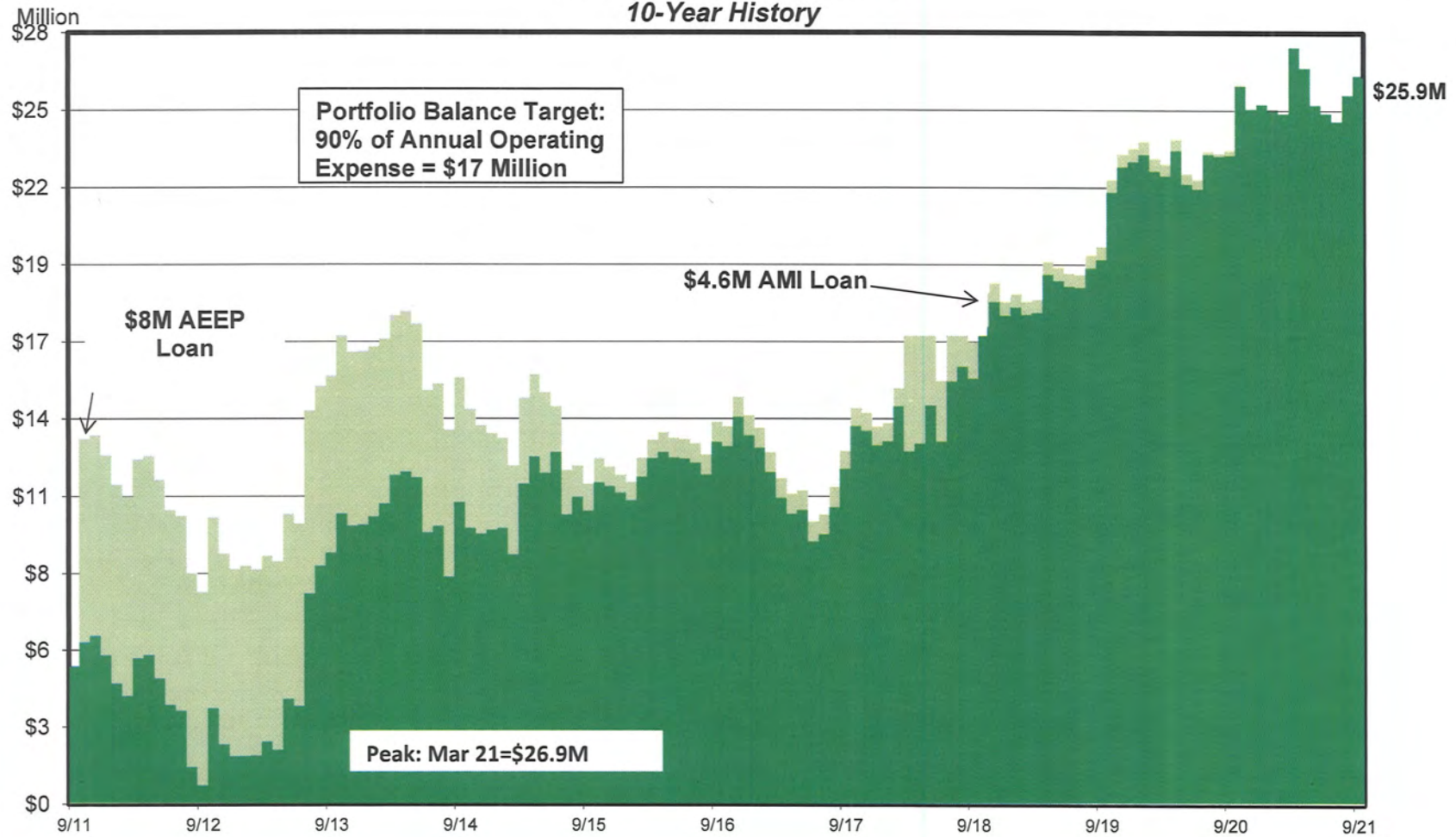
**Financial Goal:**  
Treasury Yield to Exceed  
LAIF Rate by 25 Basis Points  
(0.25%) (Adopted 6/17/97)



10/15/2021

## NMWD Portfolio Balance 10-Year History

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## MEMORANDUM

To: Board of Directors  
From: Tony Williams, Assistant GM/Chief Engineer   
Subject: Water Service Agreement – Redwood Credit Union Remodel – 1010 Grant Ave.  
(APN: 141-264-10, 141-264-26 and 140-264-27)  
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**RECOMMENDED ACTION:** The Board approve authorization of this agreement.

**FINANCIAL IMPACT:** None (Developer Funded)

The Redwood Credit Union Remodel project consists of remodeling the existing structure, and site landscaping. The Novato Fire Protection District Fire Marshall has required that a dedicated 4-inch fire service and a fire hydrant be installed for the project. The project is located at 1010 Grant Ave. (see attached map).

Initial service to these properties were established prior to 1949 with two 5/8-inch meters; service numbers 375 and 380 for two of the three parcels for the property. The entitlement established by the available early use history is 1 Equivalent Dwelling Units (EDUs) for each service. The proposed project is estimated to have a demand of 1 EDUs for each domestic and irrigation uses (i.e. total of 2 EDUs) for the project, therefore no net increase in water demand is estimated for this project.

New Zone 1 water facilities include 50 feet of 6-inch PVC and 20 feet of 4-inch PVC pipe for fire service lateral, 20 feet of 1-inch copper pipe lateral and a 4-inch fire service with 5/8-inch bypass meter. The service lateral for service 380 will be replaced for domestic demand and the existing service 375, a 5/8-inch meter will continue to serve irrigation needs. Both domestic and irrigation services will include the installation of RPP backflow prevention devices in accordance with District regulations.

Sanitary sewer service will continue to be provided by Novato Sanitary District.


The District's Emergency Water Conservation Ordinance No. 41 for the Novato Service Area places a restriction on new or enlarged water connections by requiring an applicant to defer potable water irrigated landscape installation. However, this project is maintaining an existing service and the same demand (1 EDU) for landscape irrigation purposes and therefore the restriction in the Ordinance is not applicable.

Environmental Document Review

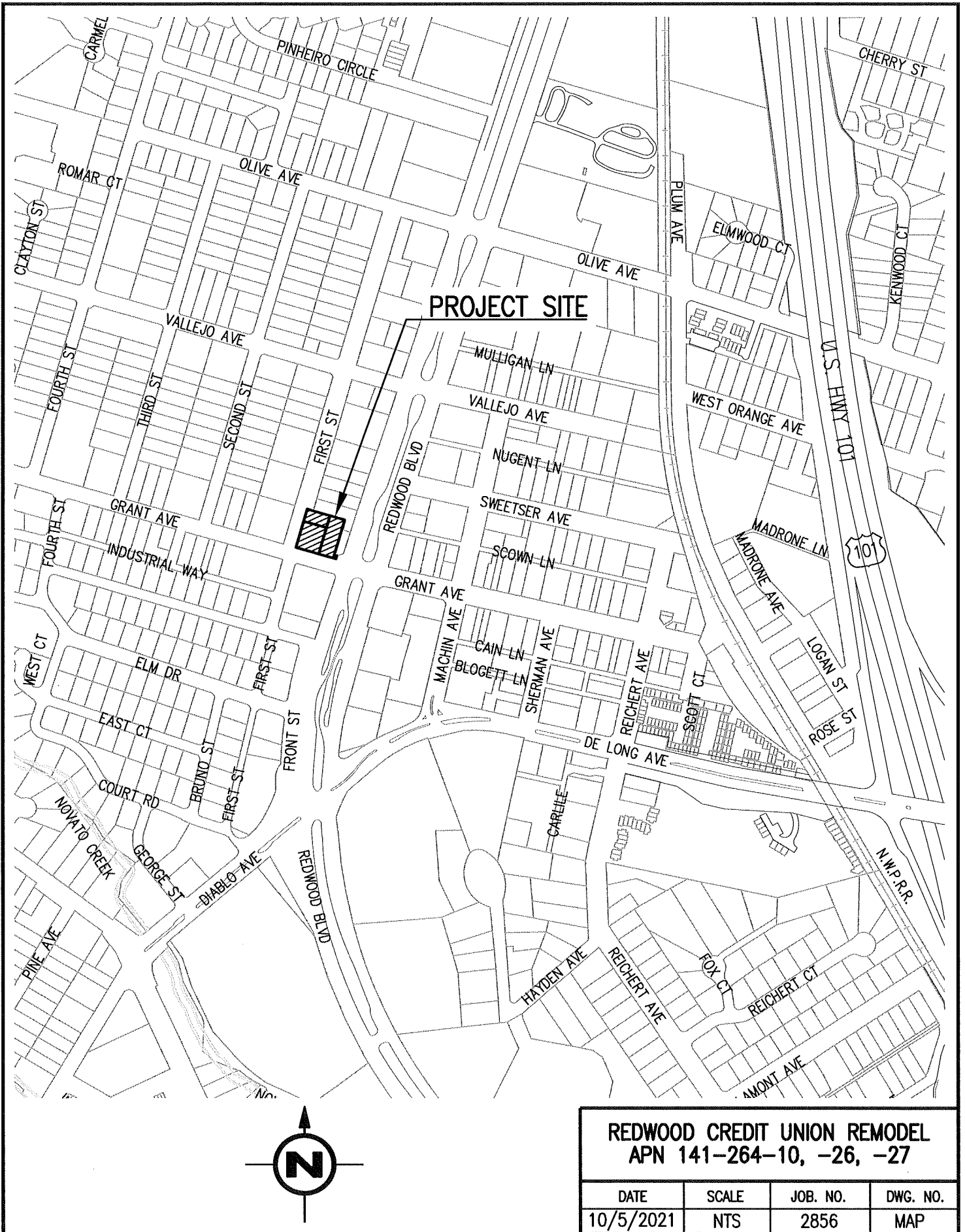
This project has been determined by the City of Novato to be exempt from the requirements of the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines Section 15301, Existing Facilities.

RECOMMENDATION:

That the Board approve authorization of this agreement.

Approved by GM 

Date 10/15/21



RESOLUTION NO. 21-  
AUTHORIZATION OF EXECUTION  
OF  
WATER SERVICE FACILITIES CONSTRUCTION AGREEMENT  
WITH  
REDWOOD CREDIT UNION - NOVATO

---

BE IT RESOLVED by the Board of Directors of NORTH MARIN WATER DISTRICT that the President and Secretary of this District be and they hereby are authorized and directed for and on behalf of this District to execute that certain water service facilities construction agreement between this District and Redwood Credit Union, a corporation, providing for the installation of water distribution facilities to provide domestic water service to that certain real property known as 1010 Grant Avenue Novato, Marin County Assessor's Parcel Number 141-264-27, -26, -10, NOVATO, CALIFORNIA.

\* \* \*

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 19th day of October, 2021, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAINED:

(SEAL)

---

Theresa Kehoe, Secretary  
North Marin Water District



PART ONE  
WATER SERVICE FACILITIES CONSTRUCTION AGREEMENT  
FOR  
REDWOOD CREDIT UNION - NOVATO

---

*THIS AGREEMENT*, which consists of this Part One and Part Two, Standard Provisions, attached hereto and a part hereof, is made and entered into as of \_\_\_\_\_, 2021, by and between NORTH MARIN WATER DISTRICT, herein called "District," and REDWOOD CREDIT UNION, A Corporation, herein called "Applicant."

*WHEREAS*, the Applicant, pursuant to District Regulation 1, the State of California Subdivision Map Act and all applicable ordinances of the City of Novato and/or the County of Marin, has pending before the City or County a conditionally approved Tentative Subdivision Map, Precise Development Plan, Tentative Parcel Map or other land use application for the real property in the District commonly known as Marin County Assessor's Parcel Number 141-264-27, -26, -10 and the project known as REDWOOD CREDIT UNION REMODEL, consisting of three (3) lots for one (1) commercial development; and

*WHEREAS*, prior to final approval by the City or County of a Subdivision Map, Precise Development Plan, Parcel Map or other land use application and recording of a final map for the project, the Applicant shall enter into an agreement with the District and complete financial arrangements for water service to each lot, unit or parcel of the project; and

*WHEREAS*, the Applicant is the owner of real property in the District commonly known as 1010 Grant Avenue, Novato (Marin County Assessor's Parcel 141-264-27, -26, -10); and

*WHEREAS*, two (2) 5/8-inch water services one domestic and one irrigation were established in 1949 at 1010 Grant Avenue and first ten (10) year use is 1 EDU for each domestic and irrigation use; and,

*WHEREAS*, the current project total water demand is 1 EDU for each domestic and irrigation use and no additional Facilities Reserve Charges are required; and

*NOW THEREFORE*, the parties hereto agree as follows:

1. The Applicant hereby applies to the District for water service to said real property and project and shall comply with and be bound by all terms and conditions of this agreement, the District's regulations, standards and specifications and shall construct or cause to be constructed the water facilities required by the District to provide water service to the real property and project. Upon

acceptance of the completed water facilities, the District shall provide water service to said real property and project in accordance with its regulations from time to time in effect.

2. Prior to the District issuing written certification to the City, County or State that financial arrangements have been made for construction of the required water facilities, the Applicant shall complete such arrangements with the District in accordance with Section 5 of this agreement.

3. Prior to release or delivery of any materials by the District or scheduling of either construction inspection or installation of the facilities by the District, the Applicant shall:

a. deliver to the District vellum or mylar prints of any revised utility plans approved by the City or County to enable the District to determine if any revisions to the final water facilities construction drawings are required. The proposed facilities to be installed are shown on Drawing No. 1 2856.001, entitled, "REDWOOD CREDIT UNION REMODEL", a copy of which is attached, marked Exhibit "A", and made a part hereof. (For purposes of recording, Exhibit "A" is not attached but is on file in the office of the District.)

b. grant or cause to be granted to the District without cost and in form satisfactory to the District all easements and rights of way shown on Exhibit "A" or otherwise required by the District for the facilities.

c. deliver to the District a written construction schedule to provide for timely withdrawal of guaranteed funds for ordering of materials to be furnished by the District and scheduling of either construction inspection or construction pursuant to Section 5 hereof.

4. Except for fire service, new water service shall be limited to the number and size of services for which Initial Charges are paid pursuant to this agreement. Initial Charges for new services, estimated District costs and estimated applicant installation costs are as follows:

**Initial Charges**

Meter Charges (Domestic) (Included in Estimated District Costs) .....	One 5/8-inch @	\$	0.00	\$	0.00
Meter Charges (Irrigation) (Included in Estimated District Costs).....	One 5/8-inch @	\$	0.00	\$	0.00
Meter Charge (4-inch fire service).....	One 5/8-inch @	\$	0.00	\$	0.00
Reimbursement Fund Charges (Domestic & Irrigation).....	Two @	\$	690.00	\$	1,380.00
Facilities Reserve Charges (Domestic & Irrigation).....	Two @	\$	28,600.00	\$	57,200.00
Credit for Existing Services To Be Removed (2 5/8" meters, 2 RFC and 1 FRC = \$840=\$28,600).....	-		-	\$	<58,580.00>

**Subtotal - Initial Charges..... \$ 0.00**

**Estimated District Costs**

Pipe, Fittings & Appurtenances.....	\$ 15,330.00
District Construction Labor.....	\$ 33,678.00
Engineering & Inspection.....	\$ 3,131.00
Bulk Materials.....	\$ 6,875.00

**Subtotal –Estimated District Costs..... \$ 59,014.00**

**Estimated Applicant Installation Costs**

Installation Labor.....	\$	0.00
Contractor Furnished – Pipe Fittings & Appurtenances.....	\$	0.00
Bulk Materials.....	\$	0.00

**Subtotal- Estimated Applicant Installation Costs..... \$ 0.00**

**TOTAL ESTIMATED WATER FACILITIES COSTS..... \$59,014.00**

(Bulk materials are such items as crushed rock, imported backfill, concrete, reinforcing steel, paving materials, and the like, which are to be furnished by the contractor performing the work.)

5. Financial Arrangements to be made by the Applicant shall consist of the following:

**Initial Charges and Estimated District Costs**

The Applicant shall either pay to the District or provide a two (2) year irrevocable letter of credit in form satisfactory to the District and payable at sight at a financial institution in the Novato area the sum of Initial Charges and Estimated District Costs as set forth in Section 4 hereof in the amount of **\$59,014**. If the Applicant provides the two (2) year irrevocable letter of credit, the District shall immediately draw down Initial Charges and shall draw upon the remaining funds guaranteed by the letter at any time the District deems appropriate to recover the Estimated District Costs which normally will be at least thirty (30) days prior to the anticipated start of construction for the ordering of materials to be furnished by the District.

Whenever an irrevocable letter of credit is required by this agreement, the Applicant may substitute a certificate of deposit at a financial institution in the Novato area provided the certificate may be cashed at sight by the District at any time.

**Estimated Installation Costs**

**Installation By District:** Due to the proprietary nature of construction required to install said facilities, the District reserves the right to install the facilities utilizing District construction forces. The Applicant shall either pay to the District the total Estimated Installation Costs set forth in Section 4 hereof in the amount of **\$59,014** or shall include such amount in the irrevocable letter of credit provided for the Initial Charges and Estimated District Costs set forth first above. The District shall draw upon installation funds guaranteed by the letter at any time the District deems appropriate which normally will be at least thirty (30) days prior to the anticipated start of construction.

6. The Applicant acknowledges and agrees that the water service to be provided by the District pursuant to this Agreement will be limited service, particularly with regard to pressure, storage for water to be used in emergencies, and will not include facilities for storage or delivery of water for fire protection. The Applicant further acknowledges and agrees that water to be provided pursuant to this Agreement shall be for domestic use for a single family residence (or for replacement structure) and that sizing of said facilities does not provide sufficient capacity for fire protection or emergency storage. The Applicant acknowledges and agrees that the Applicant and/or its successors have full responsibility for construction, operation, and maintenance of facilities for fire protection, and that it shall be Applicant's sole responsibility to make the necessary arrangements with the Marin County Fire District. The Applicant shall hold the District harmless from any and all claims arising out of or in any way related to inadequate fire protection including any temporary interruptions in domestic water service.

7. No direct connection from District water service to private fire protection system shall be made. Should the private fire protection system be filled through the District service, an appropriate air gap system shall be used to prevent any potential cross connection. The private fire protection system and connection thereto either through hydrants or standpipes or hose bibs shall have appropriate signage identifying that the water is not for human consumption.

8. Cross-connection and Backflow Prevention is required for the new Water Facilities described herein in accordance with District Regulation 6 entitled "Cross-connection and Backflow Protection for Potable Water Service". FOR SIZES GREATER THAN 1-1/2": The Applicant shall install and subsequently own and maintain a private backflow prevention assembly for each service as shown on Exhibit "A" or otherwise required by the District in accordance with District standards and specifications. FOR SIZES 1-1/2" OR SMALLER: The District will install and maintain the required backflow prevention assemblies or devices as shown on Exhibit "A" or otherwise required by the District in accordance with District standards and specifications.

a. Inspection and testing of backflow preventers shall be performed annually by individuals certified by American Water Works Association (AWWA) as backflow prevention testers in accordance with District Regulation 6. Inspections will be conducted by qualified District personnel or others at the sole discretion of the District.

b. Backflow devices that fail a performance test will be repaired by the customer or the District as applicable, in accordance with District Regulation 6.

c. The Applicant is responsible for paying a bi-monthly fee for maintaining the backflow preventor device per Regulation 54.

9. Water service through the facilities to be installed pursuant to this agreement will not be furnished to any building unless the building is connected to a public sewer system or to a waste water disposal system approved by all governmental agencies having regulatory jurisdiction. This restriction shall not apply to temporary water service during construction.

10. New construction in the District's Novato service area is required to be equipped with high efficiency water conserving equipment and landscaping specified in Regulation 15 sections e. and f.

11. All estimated costs set forth in this agreement shall be subject to periodic review and revision at the District's discretion. In the event the Applicant has not completed financial arrangements with the District in accordance with Section 5 hereof prior to expiration of six (6) months from the date of this agreement, all Initial Charges and estimated costs set forth in Section 4 hereof shall be revised to reflect then current District charges and estimates. In the event the Applicant has not secured final land use approval for the project from the City of Novato or County of Marin, recorded a final map and diligently commenced construction of improvements required by those agencies and the District prior to expiration of one (1) year from the date of this agreement, the District may, at its option, either retract financial certifications issued to City, County and State agencies and terminate this agreement or require amendment of this agreement and review of all Initial Charges and estimated costs contained herein. The Applicant shall pay any balance due upon demand or furnish a guarantee of such payment satisfactory to the District.

12. All extensions of time granted by the City of Novato or the County of Marin for the Applicant to comply with conditions of land use approval or to construct improvements pursuant to a subdivision improvement agreement shall require concurrent extensions of this agreement and shall be cause for review and revision of all Initial Charges and estimated costs set forth in Section 4 hereof. The Applicant shall apply to the District for extension of this agreement prior to approval of the Applicant's requests for such extensions by either the City of Novato or the County of Marin.

13. This agreement shall bind and benefit the successors and assigns of the parties hereto; however, this agreement shall not be assigned by the Applicant without the prior written consent of the District. Assignment shall be made only by a separate document prepared by the District at the Applicant's written request.

**NORTH MARIN WATER DISTRICT**  
"District"

**ATTEST:**

\_\_\_\_\_  
James Grossi, President

\_\_\_\_\_  
Date

\_\_\_\_\_  
Theresa Kehoe, Secretary

(SEAL)

**REDWOOD CREDIT UNION**  
A Corporation  
"Applicant"

(SEAL)

\_\_\_\_\_  
Brett Martinez, Chief Executive Officer

\_\_\_\_\_  
Date


**NOTES:** *If the Applicant executing this agreement is a corporation, a certified copy of the bylaws or resolutions of the Board of Directors of said corporation authorizing designated officers to execute this agreement shall be provided.*

*This agreement must be executed by the Applicant and delivered to the District within thirty (30) days after it is authorized by the District's Board of Directors. If this agreement is not signed and returned within thirty days, it shall automatically be withdrawn and void. If thereafter a new agreement is requested, it shall incorporate the Initial Charges (connection fees) and cost estimates then in effect.*

**\*ALL APPLICANT SIGNATURES MUST BE ACKNOWLEDGED BEFORE A NOTARY PUBLIC.**

**7**

## MEMORANDUM

To: Board of Directors  
From: Robert Clark Operations / Maintenance Superintendent   
Subj: Renewal of Horizon CATV License Agreement (2021-2026)

October 15, 2021

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**RECOMMENDED ACTION:** Approve five-year extension**FINANCIAL IMPACT:** \$5,628 annual income for the first year of the term


The Horizon CATV license agreement with the District allowing use of Paradise Ranch Estates (PRE) Tank Site #4 to place a 40' high antenna, 5' x 7' equipment shed and a propane tank and emergency generator will expire on October 31, 2021. The antenna was first moved to this site in 1995 after the Mt. Vision fire. Horizon has requested to exercise its' current agreement option to extend the contract.

Horizon is a small company, with a current cable TV subscriber base in West Marin from Stinson Beach extending to Dillon Beach. Their customer base is in large part the same as North Marin Water District, although the number of Horizon customers has been shrinking due to competition with satellite TV dish companies. Historically the license fee paid to the District by Horizon had been 1% of Horizon's annual basic revenue generated from its total number of cable customers served by the antenna at the PRE-4 tank site. Basic revenue is the monthly minimum charge levied for the basic service package, and did not include premium charges for additional channels or features. This complicated annual adjustment to the agreement was revised in 2018 to an annual fee with an annual increase of 3%. In 2020 the annual fee was \$5,464.00 making the annual fee starting November 2021 \$5,628.00 rounding to the nearest dollar.

For the past three years the District required that Horizon limit the extension term to one year so that the District could conclude the installation of the new PRE-4 water tank. With the recent completion of the PRE-4C tank, staff proposes the renewed license agreement for a five-year term beginning from November 1, 2021 to October 31, 2026.

**RECOMMENDATION**

Board approval renewal of license agreement with Horizon CATV for a five-year extension term.

Approved by GM Date 10/15/21



## LICENSE AGREEMENT

THIS LICENSE AGREEMENT, by and between NORTH MARIN WATER DISTRICT, a local governmental agency of the State of California, herein called "District," and HORIZON CABLE TV Inc., a California corporation, herein called " Horizon," is effective as of November 1, 2021.

### 1. Grant of License

The District hereby grants to Horizon a revocable license to enter the District's Paradise Ranch Estates water tank site number four, adjacent to 420 Drakes View Drive ("the site"), for the purpose of operating, maintaining and replacing facilities for off-air television signal receiving. Said facilities shall consist of:

- a. one antenna tower approximately 40-feet tall on steel poles set in concrete;
- b. underground cables for electricity, telephone and television;
- c. one equipment shed approximately 7-feet in length by 5-feet in width; and
- d. propane tank and stand-by generator for emergency power.
- e. such other facilities as Horizon may deem necessary or advisable from time to time, provided that Horizon shall obtain the written consent of District before any additional facilities are installed.

The facilities shall be located on the site described on "Exhibit A" attached hereto, incorporated herein, in the respective locations depicted on "Exhibit B."

### 2. Term

The term of this license is five (5) years, beginning on November 1, 2021, and ending on October 31, 2026. The parties agree to discuss renewal of this agreement no later than August 31, 2026.

### 3. Limitations on Use of License

- a. Horizon shall be responsible for acquiring and maintaining all necessary permits and approvals from the County of Marin for installation, operation and maintenance of facilities described in Section 1 hereof.
- b. Horizon's use of the site shall not hinder or interfere with the District's operation and maintenance of its Paradise Ranch Estates tanks. Accordingly, all facilities installed by Horizon on the site shall be a minimum of five-feet from the District's water tanks.
- c. Horizon shall not do any grading or excavation on the site and shall not erect any structure thereon except the facilities described in Section 1 hereof. Said work shall be done at Horizon's sole expense and in accordance with plans and specifications reviewed and approved in writing by the District and with permits issued by the County of Marin. Horizon will not permit any lien or encumbrance to be placed on the site.

- d. Horizon shall not permit the facilities or Horizon's use of the site to interfere with public reception or transmission of radio or television signals, nor with the District's radio communications or communications used by its SCADA system. If interference is traceable to Horizon's equipment or operations on the site, Horizon shall eliminate the interference without delay.
- e. Horizon will use the license and operate the facilities in accordance with all applicable city, county, state and federal regulations, ordinances and statutes now or hereafter in effect and shall, at its expense, maintain in effect throughout the term of this license all permits, licenses and authorizations required by law for its operations. Horizon shall submit to the District a copy of its Federal Communications Commission license and if applicable a copy of its Bay Area Air Quality Management District ABA 6 standby generator emission permits upon renewal of this agreement.
- f. Horizon shall maintain the facilities at all times in a safe, clean and orderly condition.
- g. The District may require Horizon to shut down its electrical equipment and microwave facility from time to time to permit construction and maintenance of water tank(s) or other facilities. Said shutdown will only be required for safety reasons as determined by the District at its sole discretion. Future projects contemplated on the site include construction of a new water storage tank, which may require Horizon to relocate its facilities, and installation of a 2-way radio transmitter on the antenna tower, which the District warrants will not interfere with Horizon's cable television reception signal. The District shall endeavor to give Horizon a 30-day minimum notice before any required shut down.
- h. To ensure the safety of District employees, Horizon shall provide the District with an EMF exposure report for the facility. This study shall show all EMF exposure levels at the site during normal operations. Any area where the EMF exposure level exceeds the safe exposure level as adopted by the FCC shall be clearly identified. At least 60 days before modifying the facilities or their operation in a manner that changes the exposure levels, Horizon will submit an updated EMF exposure report to the District for approval.

4. Payments by Horizon

- a. For the first year of the term, Horizon agrees to pay as consideration for the license the sum of Five Thousand Six Hundred and Twenty-Eight Dollars (\$5,628.00) in a single annual payment. The annual payment shall be increased each year hereafter by three percent (3%) over the then existing rental rate. The payment for the first year of the term of the license shall be made simultaneously with the execution of this agreement. Payment for each subsequent year shall be made in advance on or before each November 1<sup>st</sup>.
- b. Horizon further agrees to provide at no charge to the District two extra fiber optic cables for use by the District in the fiber-optic telecommunications line installed between Horizon's antenna facility at the site and its facilities in Point Reyes Station. In the event Horizon extends its underground telecommunication line further, Horizon agrees to install underground conduit purchased by the District alongside its telecommunications line. Said underground conduit shall be for the exclusive use of the District.

5. Termination

Horizon acknowledges that its rights under this license are subordinate to the prior and superior right of the District to use the site for the purpose of providing a public water supply. The District reserves to itself the right to terminate the license at any time it determines that it is reasonably necessary to carry out its said purpose. Except in an emergency the District shall give Horizon 90 day's prior written notice of termination. The annual payment shall be prorated to the date of such termination. In addition, the District may terminate this license if Horizon fails to perform any of its undertakings herein and fails to remedy such default within 30 days after written notice from the District to do so.

6. Removal of Personal Property and Structures

Upon the expiration of the term of the license or the sooner termination thereof, Horizon shall coordinate removal of its facilities with the District. In the event the District has installed a 2-way radio transmitter on the antenna, the antenna shall be left on the site. If the 2-way radio transmitter is not installed on the antenna, Horizon shall at its expense remove all the facilities and personal property, including piers and bases, which it has placed on the site, leaving it vacant and clean, and shall restore the site as nearly as possible to the condition it was in at the commencement of this license.

If Horizon fails to remove its facilities and/or to restore the site, the District may cause the work to be done and Horizon shall reimburse the District for its costs thereby incurred within 30 days of receipt of an invoice therefor.

In lieu of removal, the District may, at its option, elect to retain Horizon facilities remaining on the property 30 days from expiration or termination of this agreement in exchange for Horizon not being required to pay removal and/or clean-up costs

7. Insurance, Hold-Harmless and Indemnification Requirements

- a. Liability Insurance: Horizon shall hold the District harmless from and defend District against any claims, liability, loss, damage, including defense costs or expenses, in any way arising or occurring on account of injuries to persons or property sustained or alleged to have been sustained that arise out of or are connected with Horizon's use of this license. For the duration of this license, Horizon shall continuously maintain and pay for vehicle liability and general liability insurance written by insurer(s) licensed to do business in California and having Best's ratings of not less than A: VII. Said policies will provide coverage for the District and Horizon on an occurrence basis in amounts not less than one million dollars (\$1,000,000) per occurrence, combined single limit. Such insurance policy(s) shall be endorsed to (1) add the District as an "additional insured"; (2) provide that said coverage is primary and underlying insurance to any insurance carried by the District, which insurance shall not contribute with Horizon's insurance; (3) provide that any insurance carried by the District shall be excess to any insurance provided by Horizon to cover the District under this section; and (4) provide that said policy(s) shall not be canceled nor shall there be any material reductions in coverage without 60 days' notice in writing to the District. Forthwith upon the execution of this agreement and before the license shall commence, Horizon shall deliver to the District a certified copy of such insurance policy including the endorsements described above. Horizon shall also deliver to the District a certificate by the insurance company(s) stating that the

insurance has been issued and is in good standing.

- b. Workers Compensation: Horizon will provide evidence that it has in full force and effect Workers' Compensation Insurance as required by the Labor Code of the State of California and Employers Liability Insurance in amounts not less than one million dollars (\$1,000,000) per occurrence.
- c. Property Insurance: Horizon agrees that it will include within its property insurance policy(s) coverage for all facilities owned or leased by Horizon and that will at any time be on the site in amounts sufficient to replace all such facilities.

8. Non-assignability

This license shall not be assignable by Horizon or by operation of law without the prior written consent of District, which consent shall not be unreasonably withheld.

9. Notices

All notices herein provided to be given or made or which may be given or made by either party to the other, shall be deemed to have been duly given when made in writing and deposited in the United States mail postage prepaid and addressed as follows:

To District:

North Marin Water District  
Attn: Operations/Maintenance  
Superintendent  
PO Box 146  
Novato, CA 94948

To Horizon:

Horizon Cable TV Inc.  
PO Box 1240  
Pt. Reyes Station, CA 94956

The address to which notices may be given or made by either party may be changed by written notice given by such party to the other pursuant to this paragraph.

IN WITNESS THEREOF, the parties hereto have caused this license to be executed as of the day and year first above written.

ATTEST:

NORTH MARIN WATER DISTRICT

\_\_\_\_\_  
Theresa Kehoe,  
District Secretary

\_\_\_\_\_/\_\_\_\_\_  
James Grossi, President      Date

HORIZON CABLE TV INC.

\_\_\_\_\_/\_\_\_\_\_  
Kevin Daniel, President      Date

## “Exhibit A”

### Tank Site:

That certain real property in the County of Marin, State of California, bounded and described as follows:

Beginning at a point that bears South 54° 56' East 8.17 feet from the most northerly corner of Parcel Two as described in the deed from Marin County Abstract and Title Company, a corporation, to James J. Zydonis, et ux, recorded May 25, 1959, in Liber 1281, O.R., page 462 and running thence North 35° 00' East 144.71 feet to the true point of beginning, thence North 43° 50' 20" West 73.41 feet, thence North 23° 53' 54" East 40.69 feet, thence South 78° 59' East 87.41 feet, thence South 35° 00' West 89.69 feet to the true point of beginning.



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## MEMORANDUM

To: Board of Directors

October 15, 2021

From: Drew McIntyre, General Manager  
Ryan Grisso, Water Conservation Coordinator

Subject: Consider approval of Resolution 21-XX declaring mandatory reduction of 20% and prohibitions on non-essential use in accordance with Stage 2 of the Water Shortage Contingency Plan for the Novato Service Area shall remain in effect until the Board determines by subsequent resolution that Stage 2 actions are no longer required, continuing to implement a drought surcharge for the Novato Service Area for the duration that Stage 2 actions remain in effect, and amending Section 6(b) of Ordinance No. 41

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**RECOMMENDED ACTION:** Approve Resolution 21-XX amending Section 6(b) of Emergency Water Conservation Ordinance No. 41 in the Novato Service Area.

**FINANCIAL IMPACT:** None at this time

At the February 2, 2021 Regular Board Meeting, the Board received information on dry year conditions to-date. At the February 16, 2021 meeting, the Board approved backfeeding Stafford Lake with Russian River water while it's available. The Board was also alerted that NMWD staff was reviewing the Novato Service Area Water Shortage Contingency Plan and consulting with legal counsel to determine the best course of action for 2021 given the dry year conditions. The resulting recommended action was to approve an Emergency Water Conservation Ordinance that included water waste prohibitions, and the option to approve detailed conservation measures by future resolutions once the final rainfall and Sonoma County Water Agency (SCWA) water supply assessments had been determined in mid-April.

At the March 16, 2021 meeting the Board held a public hearing and adopted Emergency Water Conservation Ordinance 41 (Ordinance 41) declaring that a water shortage emergency condition exists within the Novato Service Area, and specifically prohibiting the waste and non-essential use of water and providing for the conservation of water.

At the April 20, 2021 meeting, the Board amended Section 4 of Ordinance 41 to suspend new connections to the system as of July 1, 2021, and Section 6, to include a Stage 1 20% voluntary reduction in water use from May 1 to June 30, a Stage 2

mandatory 20% reduction in water use from July 1 to November 1, and adding specific types of prohibited non-essential water use at Stage 2.

On June 14, 2021, SCWA was issued a Temporary Urgency Change Order by the State Water Resources Center Board (SWRCB) to continue reduction of releases from Lake Mendocino and to reduce releases from Lake Sonoma, which resulted in a Lake Sonoma diversion reduction of 20% from 2020 Russian River deliveries.

Given the SWRCB Order through December 10, 2021, continuing drought and lack of rainfall persisting into the foreseeable future, Ordinance No. 41 has been updated to extend the applicable period of Stage 2. Resolution 21 XX (Attachment 1) will amend Section 6 of Ordinance No. 41 to continue with Stage 2 until such time as the Board declares that Stage 2 actions are no longer required. All applicable Stage 2 non-essential water use prohibitions and subsequent drought surcharge will remain in effect after November 1 with this approval.

#### Recommendation

Approve Resolution 21-XX amending Section 6 (b) of Emergency Water Conservation Ordinance No. 41 in the Novato Service Area.

## **RESOLUTION 21-XX**

### **RESOLUTION OF THE BOARD OF DIRECTORS OF NORTH MARIN WATER DISTRICT DECLARING MANDATORY REDUCTION OF 20% AND PROHIBITIONS ON NON-ESSENTIAL USE IN ACCORDANCE WITH STAGE 2 OF THE WATER SHORTAGE CONTINGENCY PLAN FOR THE GREATER NOVATO SERVICE AREA SHALL REMAIN IN EFFECT UNTIL THE BOARD DETERMINES BY SUBSEQUENT RESOLUTION THAT STAGE 2 CONDITIONS NO LONGER EXIST, CONTINUING TO IMPLEMENT A DROUGHT SURCHARGE FOR THE GREATER NOVATO SERVICE AREA FOR THE DURATION THAT STAGE 2 CONDITIONS REMAIN IN EFFECT, AND AMENDING SECTION 1(g), SECTION 6, AND SECTION 10 OF ORDINANCE NO. 41**

WHEREAS, pursuant to Sections 350-358, 375-378, and 31026-31029 of the California Water Code, the Board of Directors ("Board") of the North Marin Water District ("District"), following a properly noticed and duly held public hearing at its meeting on March 16, 2021, adopted Ordinance No. 41, thereby declaring a water shortage emergency condition within the Greater Novato Service Area of the District, prohibiting the waste and non-essential use of water, and providing for the conservation of the water supply of the District; and

WHEREAS, in adopting Ordinance No. 41, the Board, to enable itself to respond to rapidly changing water supply conditions, reserved for itself the authority to modify Ordinance No. 41 and all provisions contained therein by resolution; and

WHEREAS, on April 20, 2021, the Board amended Section 4, to suspend new connections to the system as of July 1, 2021, and Section 6, to include a Stage 1 20% voluntary reduction in water use from May 1 to June 30, a Stage 2 mandatory 20% reduction in water use from July 1 to November 1, and adding specific types of prohibited non-essential water use at Stage 2, of Ordinance No. 41; and

WHEREAS, the Sonoma County Water Agency (Sonoma Water) is the wholesale water supplier in the region and a majority of Sonoma Water's potable water supply comes from the Russian River; and

WHEREAS, the District relies on Sonoma Water for approximately 80% of the District's potable water supply; and

WHEREAS, on June 14, 2021, the State Water Resources Control Board issued Order WR 2021-0056-EXEC, thereby approving Sonoma Water's Temporary Urgency Change Petition to reduce flows in the Russian River and its tributaries; and

WHEREAS, Paragraph 11 of Order WR 2021-0056-EXEC directs Sonoma Water and its Water Contractors to ensure a 20% reduction, as compared to the same period of the previous year, in total diversions across all downstream points of diversion or redirection authorized under Sonoma Water's water rights from July 1, 2021 through the end of the Order on December 10, 2021; and

WHEREAS, to comply with Order WR 2021-0056-EXEC, Sonoma Water issued allocations

to its water contractors providing for an approximate 20% reduction in use from the aqueduct system compared to 2020, effective July 1 through December 10, 2021; and

WHEREAS, the declared water shortage emergency condition within the Greater Novato Service Area continues to exist; and

WHEREAS, the reduced water supply available to the District from Sonoma Water, together with the limited supply of water from other sources available to the District, means that the District's total available water supply is insufficient to meet customers' normal water needs now and in the immediate future; and

WHEREAS, on June 15, 2021, after holding a duly noticed public hearing, the District adopted its Water Shortage Contingency Plan 2020 Update for the Greater Novato Service Area (2020 WSCP); and

WHEREAS, the Board therefore now finds it necessary to continue Stage 2 mandatory conservation measures and restrictions on water use to achieve a 20% mandatory reduction in overall water use in accordance with the 2020 WSCP; and

WHEREAS, pursuant to the authorities provided for herein and District Regulation 54(a)(3), the Board now desires to impose a drought surcharge for the Greater Novato Service Area ("Drought Surcharge") for the full duration of time that mandatory water use restrictions remain in effect, which Drought Surcharge is intended to mitigate the revenue loss resulting from a reduction in water use.

NOW, THEREFORE, BE IT RESOLVED:

1. The Board of Directors of the North Marin Water District finds and determines that the foregoing Recitals are true and correct and incorporates these Recitals as if fully set forth herein.
2. Section 1(g), Section 6, and Section 10 of Ordinance No. 41 are hereby amended as indicated in **EXHIBIT A**, attached hereto and incorporated herein by this reference as if fully set forth.
3. For the full duration of time that mandatory water use restrictions remain in effect, and as provided for in District Regulation 54(a)(3), the Board of Directors of the North Marin Water District hereby implements, effective on and after October 20, 2021, a drought surcharge for the Greater Novato Service Area of: \$1.00 per 1000 gallons for use in excess of 300 gallons per day for residential accounts, and \$1.00 per 1000 gallons for all commercial, institutional, and irrigation accounts.
4. This Resolution shall be effective immediately upon adoption and shall remain in effect until such time as modified, repealed, or superseded by further resolution of the Board.

\* \* \* \* \*

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 19th of October 2021, by the following vote:

AYES:  
NOES:  
ABSENT:  
ABSTAINED:

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Theresa Kehoe, District Secretary  
North Marin Water District

(SEAL)



## EXHIBIT A

### **Section 1. Declaration of a Water Shortage Emergency**

This Board of Directors does hereby find and declare as follows:

(a) A public hearing was held on March 16, 2021, on the matter of whether this Board of Directors should declare a water shortage emergency condition exists within the Novato water service area of this District which is served by Stafford Lake and the North Marin Aqueduct.

(b) Notice of said hearing was published in the Marin Independent Journal, newspaper of general circulation printed and published within said water service area of the District.

(c) At said hearing all persons present were given an opportunity to be heard and all persons desiring to be heard were heard.

(d) Said hearing was called, noticed, and held in all respects as required by law.

(e) This Board heard and has considered each protest against the declaration and all evidence presented at said hearing.

(f) A water shortage emergency condition exists and prevails within the portion of the territory of this District served by Stafford Lake and the North Marin Aqueduct. Said portion of this District is hereinafter referred to as the Novato Service Area and consists in all the territory of this District except the portions hereof in the western part of Marin County denominated Annexations 2, 3, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15 and 16 generally known as Point Reyes Station, Inverness Park, Olema, Oceana Marin, and territories on the east shore of Tomales Bay. Said water shortage exists by reason of the fact that the ordinary demands and requirements of the water consumers in the Novato Service Area cannot be met and satisfied by the water supplies available to this District in the Novato Service Area without depleting the water supply to the extent that there would be insufficient water for human consumption, sanitation and fire protection.

(g) On ~~April 19~~June 15, 2021, following a properly noticed and duly held public hearing at its regular meeting,<sup>46</sup> the Board of Directors ~~enacted-adopted~~ the North Marin Water District Water Shortage Contingency Plan 2020 Update for the Greater Novato Service Area (Plan 2020 WSCP) and said Plan defines specific triggers for stages of action applicable to District customers. The specific triggers for stages of action vary and are determined based on advice and action of Sonoma County Water Agency regarding water supply conditions on the Russian River and in Lake Sonoma from which approximately eighty percent of the District's water supply for the Novato Service Area is delivered through the North Marin Aqueduct.

### **Section 6. Prohibition of Non-Essential Use of Water**

(a) No water furnished by the District shall be used for any purpose declared to be non-essential by resolution of the Board of Directors and in accordance with the Water Shortage Contingency Plan for the Greater Novato Service Area 2020 WSCP.

**Stage 1 - Voluntary Stage (120% reduction).** ~~May 1 through June 30:~~ Achieve up to 120% reduction in water usage compared to the corresponding billing period in 2020 by: encouraging non-commercial washing of privately-owned motor vehicles, trailers and boats except from a bucket and except that a hose equipped with a shut off nozzle may be used for a quick rinse; requesting restaurants, hotels, cafes, cafeterias, bars or other public places where food or drink are served/purchased to serve water only upon request; promoting "navy showers" (e.g. turn on water to wet person or persons, turn off water, lather up, scrub, then turn on water for a quick rinse, then turn off shower with free push button showerhead control valves available to



## EXHIBIT A

customers upon request); requesting hotel and motel operators to provide guests with the option of choosing not to have towels and linens laundered daily; voluntary rationing; enforcement of water wasteing regulations and water conservation prohibitions as defined in District Regulation 15, Section B; requesting customers to make conscious efforts to conserve water; encourage private sector to use alternate sources; and encourage night irrigation.

- (b) As provided for in Section 6(a) above, the following uses are declared to be non-essential from and after July 1, 2021, until such time as the Board determines by subsequent resolution that Stage 2 of the 2020 WSCP is no longer in effect through November 1:

### **Stage 2: Mandatory Stage (20% reduction)**

(1) Refilling a completely drained swimming pool and/or initial filling of any swimming pool for which application for a building permit was made after July 1, 2021;

(2) Non-commercial washing of privately-owned motor vehicles, trailers and boats except from a bucket and except that a hose equipped with a shut off nozzle may be used for a quick rinse;

(3) Any use of potable water from a fire hydrant except for fighting fire, human consumption, essential construction needs or use in connection with animals;

(4) Watering of any lawn, garden landscaped area, tree, shrub or other plant except from:

- a. A handheld hose equipped with an automatic shut-off nozzle;
- b. A container;
- c. A drip irrigation system; or
- d. An overhead sprinkler irrigation system used more than three (3) days per week.
  - i. Odd numbered street addresses are authorized to irrigate using an overhead sprinkler irrigation system on Monday, Wednesday and Friday and even numbered street addresses are authorized to irrigate using an overhead sprinkler irrigation system on Tuesday, Thursday and Saturday provided that the customer maintains an overall 20% reduction in water use compared to the corresponding billing period in 2020 and properly operates the irrigation system in a non-wasteful manner between the hours of 7:00 p.m. and 9:00 a.m. the next day.
  - ii. Exemptions may be granted for irrigation of commercial or government owned recreational landscape areas provided a 20% reduction in water use compared to the corresponding billing period in 2020 is maintained.
  - iii. Customers using less than 300 gallons per day are permitted to water their landscapes without the required 20% reduction).

## EXHIBIT A

(5) Use of potable water, soil compaction or backfill consolidation for dust control at construction sites or other locations; and

(6) Watering any portion of a golf course with potable or raw water except the tees and greens unless the customer can maintain a 25% reduction in water use as compared to 2020; and

(7) Failing to repair leaks within 48 hours.

### **Section 10. Drought Surcharge**

In the event a mandatory reduction in water use is triggered (at Stage 2 or ~~Stage 3~~ herein higher), a Drought Surcharge will be implemented simultaneous with enactment of the mandatory stage. The Drought Surcharge will serve to mitigate the revenue loss resulting from a reduction in water use, as well as the liquidated damages assessed by the Sonoma County Water Agency pursuant to the water shortage and apportionment provisions of the Restructured Agreement for Water Supply. The Drought Surcharge shall be a quantity charge for each 1,000 gallons as specified in District Regulation 54.




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## MEMORANDUM

To: Board of Directors

October 15, 2021

From: Drew McIntyre, General Manager  
Ryan Grisso, Water Conservation Coordinator 

Subject: Consider approval of Resolution 21-XX **declaring mandatory reduction of 25% and prohibitions on non-essential use in accordance with Stage 2 of the Water Shortage Contingency Plan for the West Marin Service Area shall remain in effect until the Board determines by subsequent resolution that Stage 2 actions are no longer required, continuing to implement a drought surcharge for the West Marin Service Area for the duration that Stage 2 actions remain in effect, and amending Section 6(b) of Ordinance No. 39**

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**RECOMMENDED ACTION:** Approve Resolution 21-## amending Section 6(b) of Emergency Water Conservation Ordinance No. 39 in the West Marin Service Area

**FINANCIAL IMPACT:** None

On May 5, 2020, the Board adopted Ordinance No. 39, thereby declaring a water shortage emergency condition within the West Marin Service Area of the District, prohibiting the waste and non-essential use of water, and providing for the conservation of the water supply of the District. At the March 16, 2021 Board meeting, the Board modified Ordinance No. 39, thereby authorizing the imposition of administrative fines and penalties for violation of the Ordinance and reserving for itself the authority to make subsequent amendments to Ordinance No. 39 by resolution.

Pursuant to the District's Interconnection Agreement with Marin Municipal Water District (Marin Municipal), the District must impose voluntary or mandatory water-use reductions and prohibitions on use within the West Marin Service Area in accordance with those reductions and prohibitions imposed by Marin Municipal during water shortage emergencies. On April 20, 2021, Marin Municipal's Board of Directors imposed mandatory water-use reductions and prohibitions on certain water use. On May 4, 2021, Marin Municipal's Board imposed further prohibitions on water use, including day-per-week restrictions on watering with overhead sprinklers and drip irrigation. On July 6, 2021, Marin Municipal's Board limited overhead sprinkler use to one day per week and drip irrigation to two days per week.

At the May 18, 2021 Board meeting, the Board adopted a resolution implementing a drought surcharge for the West Marin Service Area for the July 1 through November 1 period and amending Sections 6 and 10 of Ordinance 39. In part, the May 18<sup>th</sup> amendments to Section 6 of Ordinance No. 39 aligned the District's limitations on water use with the limitations imposed by Marin Municipal's Board on May 4<sup>th</sup>. At the August 3, 2021 Board meeting, the District adopted a resolution

to further limit use of overhead irrigation to one day per week and drip irrigation to two days per week to align with the what Marin Municipal's Board approved on July 6<sup>th</sup>.

Given the continuing drought and lack of rainfall persisting into the foreseeable future, Ordinance No. 39 has been updated to extend the applicable period of Stage 2. Resolution 21 ## (Attachment 1) will amend Section 6 of Ordinance No. 39 to continue with Stage 2 until such time as the Board declares that Stage 2 actions are no longer required. All applicable Stage 2 non-essential water use prohibitions and subsequent drought surcharge will remain in effect after November 1 with this approval.

#### Recommendation

Approve Resolution 21-XX amending Section 6 (b) of Emergency Water Conservation Ordinance No. 39 in the West Marin Service Area.

## **RESOLUTION 21-XX**

### **RESOLUTION OF THE BOARD OF DIRECTORS OF NORTH MARIN WATER DISTRICT DECLARING MANDATORY REDUCTION OF 25% AND PROHIBITIONS ON NON-ESSENTIAL USE IN ACCORDANCE WITH STAGE 2 OF THE WATER SHORTAGE CONTINGENCY PLAN FOR THE WEST MARIN SERVICE AREA SHALL REMAIN IN EFFECT UNTIL THE BOARD DETERMINES BY SUBSEQUENT RESOLUTION THAT STAGE 2 ACTIONS ARE NO LONGER REQUIRED, CONTINUING TO IMPLEMENT A DROUGHT SURCHARGE FOR THE WEST MARIN SERVICE AREA FOR THE DURATION THAT STAGE TWO ACTIONS REMAIN IN EFFECT, AND AMENDING SECTION 6(b) OF ORDINANCE NO. 39**

WHEREAS, pursuant to Sections 350-358, 375-378, and 31026-31029 of the California Water Code, the Board of Directors ("Board") of the North Marin Water District ("District"), following a properly noticed and duly held public hearing at its meeting on May 5, 2020, adopted Ordinance No. 39, thereby declaring a water shortage emergency condition within the West Marin Service Area of the District, prohibiting the waste and non-essential use of water, and providing for the conservation of the water supply of the District; and

WHEREAS, following a properly noticed and duly held public hearing at its meeting on March 16, 2021, the Board modified Ordinance No. 39, thereby authorizing the imposition of administrative fines and penalties for violation of the Ordinance and, to enable itself to respond to rapidly changing water supply conditions, reserving for itself the authority to make subsequent amendments to Ordinance No. 39 by resolution; and

WHEREAS, following a properly noticed and duly held public meeting on May 18, 2021, the Board adopted Resolution 21-XX, thereby implementing a drought surcharge for the West Marin Service Area from July 1 through November 1 and amending Section 6 and Section 10 of Ordinance No. 39 to specify days of the week when customers within the West Marin Service Area may utilize overhead sprinkler and drip irrigation and to clarify when the District would implement a drought surcharge for the West Marin Service Area; and

WHEREAS, following a properly noticed and duly held public meeting on August 3, 2021, the Board adopted Resolution 21-XX, thereby amending Section 6(b) of Ordinance No. 39 to limit use of overhead irrigation to one day per week and drip irrigation to two days per week; and

WHEREAS, the declared water shortage emergency condition within the West Marin Service Area continues to exist; and

WHEREAS, Stage 2 of the District's Water Shortage Contingency Plan for the West Marin Service Area took effect on July 1, 2021 which required a mandatory 25% reduction in water use; and

WHEREAS, dry conditions within the West Marin Service Area persist such that it is necessary to continue implementing a mandatory reduction in water use of 25% and prohibitions on

non-essential water use in accordance with Stage 2 of the District's Water Shortage Contingency Plan for the West Marin Service Area; and

WHEREAS, the Board now desires to amend Section 6(b) of Ordinance No. 39 to continue implementing mandatory reduction in water use of 25% and prohibitions on non-essential water use in accordance with Stage 2 of the District's Water Shortage Contingency Plan for the West Marin Service Area until the Board determines by subsequent resolution that Stage 2 actions are no longer required; and

WHEREAS, pursuant to the authorities provided for herein and District Regulation 54(c)(3), and in accordance with the Stage 2 of the District's Water Shortage Contingency Plan for the West Marin Service Area, the Board will continue to implement a drought surcharge for the West Marin Service Area ("Drought Surcharge") simultaneous with continued mandatory water use restrictions, for which Drought Surcharge is intended to mitigate the revenue loss resulting from a reduction in water use, as well as the cost of water purchased from Marin Municipal Water District ("Marin Municipal") for release into Lagunitas Creek, pursuant to the Interconnection Agreement between Marin Municipal and the District.

NOW, THEREFORE, BE IT RESOLVED:

1. The Board of Directors of the North Marin Water District finds and determines that the foregoing Recitals are true and correct, and incorporates these Recitals as if fully set forth herein.
2. Section 6(b) of Ordinance No. 39 is hereby amended as indicated in **EXHIBIT A**, attached hereto and incorporated herein by this reference as if fully set forth.
3. For the full duration of time that mandatory reduction in water use of 25% in accordance with Stage 2 of the District's Water Shortage Contingency Plan for the West Marin Service Area remains in effect, and as provided for in District Regulation 54(c)(3), the Board of Directors of the North Marin Water District hereby implements effective on and after October 20, 2021 a drought surcharge for the West Marin Service Area of: \$2.50 per 1000 gallons for use in excess of 200 gallons per day for residential accounts, and \$2.50 per 1000 gallons for all commercial, institutional, and irrigation accounts.
4. This Resolution shall be effective immediately upon adoption and shall remain in effect until such time as modified, repealed, or superseded by further resolution of the Board.

\* \* \* \* \*

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 19th of October 2021, by the following vote:

AYES:  
NOES:  
ABSENT:  
ABSTAINED:

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Theresa Kehoe, District Secretary  
North Marin Water District

(SEAL)



## EXHIBIT A

### **Section 6. Prohibition of Non-Essential Use of Water**

- (a) No water furnished by the District shall be used for any purpose declared to be non-essential by this ordinance, or resolution modifying this ordinance, for the following stages of action as determined by the Board of Directors after considering specific triggers consistent with the Water Shortage Contingency Plan for the West Marin Service Area.

**Stage 1 - Voluntary Stage (15% reduction).** Achieve 15% reduction in water usage compared to the corresponding billing period in 2013 by encouraging voluntary rationing, enforcement of water wasting regulations and water conservation Regulation 17, requesting customers to make conscious efforts to conserve water, encourage private sector to use alternate sources, and encourage night irrigation.

#### **Stage 2: Mandatory Stage (25% reduction)**

- (b) The following uses are declared to be non-essential from and after July 1, 2021, through November 4 until such time as the Board determines by subsequent resolution that Stage 2 actions under the District's Water Shortage Contingency Plan for the West Marin Service Area are no longer required:

- (1) Washing sidewalks, driveways, parking areas, tennis courts, patios or other exterior paved areas except by Marin County Fire Department or other public agency for the purpose of public safety;
- (2) refilling a swimming pool completely drained after July 1;
- (3) non-commercial washing of privately-owned motor vehicles, trailers and boats except from a bucket and except that a hose equipped with a shut-off nozzle may be used for a quick rinse.
- (4) any use of water from a fire hydrant except fighting fires, human consumption, essential construction needs or use in connection with animals;
- (5) watering of any lawn, garden, landscaped area, tree, shrub or other plant except from:
  - a. a handheld hose equipped with an automatic shut-off nozzle;
  - b. a container;
  - c. a drip irrigation system; or
  - d. an overhead sprinkler irrigation system used under the following conditions:
    - i. an overhead sprinkler irrigation system can be used if the customer maintains an overall 25% reduction in water use compared to the corresponding billing period in 2013, (customers using less than 200 gallons per day are permitted to water their landscape without a 25% reduction) and properly operates the irrigation system in a non-wasteful manner on those days as specified in Section 6(c)(3) below and between the hours of 7:00 p.m. and 9:00 a.m. the next day. If overhead sprinkler water is used in a wasteful manner, the General Manager may prohibit sprinkling by that customer.
- (6) Watering more than 2 days per week using drip irrigation; or watering more than 1 days per week using overhead spray irrigation;
- (7) Watering within 48 hours of measurable rainfall;

## EXHIBIT A

- (8) Irrigating lawn area on public street medians;
- (9) use of water for dust control, soil compaction, or backfill consolidation at construction sites;
- (10) initial filling of any swimming pool for which application for a building permit was made after May 5, 2020;
- (11) use by a vehicle washing facility in excess of 25% less than the amount used by it during the corresponding billing period in 2013. If the facility was not operating in 2013, an assumed amount shall be computed by the District from its records.
- (12) any non-residential use in excess of 25% less than the amount used by the customer during the corresponding billing period in 2013. If connection to the District system was not in existence or use in 2013, an assumed amount will be computed from the District's records;
- (13) Intertie deliveries to Inverness Public Utilities District (IPUD), except for critical needs as determined by the General Manager;
- (14) Deliveries to customers outside the service area except as needed for human consumption, sanitation and public safety or as stipulated in outside service agreements.



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## MEMORANDUM

To: Board of Directors  
From: Drew McIntyre, General Manager  
Subject: Strategic Plan Progress Report - Year 3 Review (FY 2020-21)  
t:\gm\strategic plan\2021\annual strategic plan review memo 10.15.21.doc

October 15, 2021

**Recommended Action:** Information  
**Financial Impact:** None

At the June 19, 2018 meeting, the Board approved the five-year Strategic Plan through FY2022-23 and implementation schedule which included annual updates and a commitment to review and update the Strategic Plan every five years. The Strategic Plan included updated mission and vision statements and identified five key values of the organization: accountability, integrity, teamwork, honesty and respect. Six major, strategic goals were also identified along with 43 associated objectives (i.e. action items).

This status report focuses on the third-year review of the five-year Strategic Plan for the 2020-21 fiscal year. A tabulation for each of the six major goals is attached summarizing which objectives are: (1) Completed, (2) In Progress or (3) Future Activities. Thirty-six of the thirty-nine objectives (i.e. 92%) scheduled for the first three years FY 2018-19 through FY 2020-21 have been completed or are in progress with the exception of four objectives shown in the attached tabulation in italics.

**Goal No. 1 - Water Supply, Quality, and Reliability.** Increase local control and the long-term reliability of the water supply.

Completed	In Progress	Future Activities
1.3.1 Complete the District's Advanced Meter Infrastructure (AMI) project. (Timing: FY2018-19)	1.1.1 Continue involvement with SCWA's and PG&E's Potter Valley Project Relicensing process. Existing PG&E PVP license expires in 2022. (Timing: FY 2022-23)	
1.1.3 Consider participation in a North Bay Drought Contingency Plan (Marin/Sonoma/Napa). (Timing: FY 2020-21)	1.1.2 Participate in SCWA's Regional Water Supply Resiliency Project to make the region more resilient to future water shortages. (Timing: FY 2019-20)	
<b>1.1.4 Update the Urban Water Management Plan. (Timing: FY 2020 -21)</b>	1.1.5 Keep the Water Conservation Program (including incentives/rebates) current with market and plumbing code trends. (Timing: ongoing)	
	<b>1.2.1 Conduct a Local Water Supply Enhancement Study to identify new sources of local water supply. The timing of this Study is impacted by initial work on the SCWA Regional Water Supply Resiliency Project. (Timing: FY 2019-20)</b>	
	1.2.2 Continue to work with Novato Sanitary and Las Gallinas Valley Sanitary Districts to explore additional recycled water opportunities. (Timing: ongoing)	
	1.4.1 Meet or exceed all regulatory standards. (Timing: ongoing)	
<b>1.3.3 Update the District's Water Conservation Plan (Timing: FY 2020-21)</b>	1.4.2 Work to control undesirable taste and odors. (Timing: ongoing)	
	1.4.3 Conduct all required water quality monitoring. (Timing: ongoing)	
	1.4.4 Monitor proposed new water quality regulations and plan in advance for necessary changes to District procedures. (Timing: ongoing)	

**Bold** items started or completed in current year.

**GOAL No. 2. Customer Engagement and Service.** Increase communication with customers and ensure quality service.

Completed	In Progress	Future Activities
2.1.2 Continue to use third-party support for preparing public outreach materials as required. (Timing: FY 2018-19)		
2.1.1 Develop an annual public outreach plan and program, including a strategy for more effective social media outreach and information about how District spending supports the local community. (Timing: FY 2018-19 and beyond)		
2.3.1 Support customers on the new website portal for tracking water use when using AMI meters (Timing: FY 2018-19)	2.3.2 Continue to monitor and track customer feedback through ongoing survey questionnaires. (Timing: ongoing)	

**Goal 3. Operations, Asset Management, and Infrastructure.** Provide proactive and cost-efficient asset management and operations.

Completed	In Progress	Future Activities
3.1.1 Develop and implement a comprehensive Novato Asset Management Plan. (Timing: FY 2019-20)		3.1.2 Update West Marin Master Plan every 10 years. (Timing: FY 2023-24)
3.3.1 Continue to utilize On-Call Services contracts for select local contractors to improve District's ability to respond to emergencies and improve small contract efficiency. (Timing ongoing)		3.1.3 Update the Oceana Marin Master Plan every 10 years. (Timing: FY 2024-25)
3.1.1 Consider using an extended CIP planning horizon beyond 5 years after completion of the Novato Water Master Plan. Maintain cost control, avoid rate shocks, solve problems before they occur, and ensure long-term reliability and stability of service. (Timing: FY 2019-20)		<i>3.3.2 Evaluate the feasibility of implementing a Sewer Lateral Replacement program for Oceana Marin. (Timing: FY 2020-21)</i>

*Italic* text items are behind schedule.

**Goal 4. People, Technology and Equipment.** Retain a high quality, motivated, and efficient workforce with excellent workforce programs and investments in equipment, technology and training.

Completed	In Progress	Future Activities
4.2.4 Update the District's Employee Safety Manual. (Timing: FY 2019-20)	4.1.1 Continue to support staff's involvement in local, regional, and national water industry organizations including payment of subscription dues and attendance at conferences. (Timing: ongoing)	
4.3.1 Conduct a Compensation Survey in advance of negotiation of a new MOU with the Employees Association. (Timing: FY 2018-19)	4.1.2 Evaluate if staff is structured correctly for future challenges, for example in technology, asset management, and emergency management. (Timing: FY 2020-21)	<i>4.2.2 Expand participation in supervisor training classes offered by Sonoma County. (Timing: FY 2018-19)</i>
4.1.3 Evaluate and implement replacement of proprietary software systems. (Timing: FY 2019-20)	4.2.1 Move forward with the design phase of the Office Remodel Project. (Timing: FY 2019-20)	<i>4.2.3 Conduct an Employee Engagement Survey and implement recommendations as appropriate to improve employee satisfaction. (Timing: FY 2019-20)</i>

*Italic* text items are behind schedule.

**Goal 5. Rates and Finance.** Extend the budgeting and financial planning horizon to ensure long-term stability, financial security and ratepayer value.

Completed	In Progress	Future Activities
5.1.1 Prepare a Cost of Service Study with peer review. (Timing: 2018)	5.2.1 Evaluate benefits of transferring District-owned fire services to commercial customers. (Timing: FY 2019-20)	
5.4.1 Continue to hire an outside auditor for preparing annual Comprehensive Financial Reports. (Timing: ongoing)		
5.4.2 Continue to apply for the Certificate of Achievement for Excellence in Reporting Award. (Timing: ongoing)	5.3.4 Sell District surplus property that no longer serves District needs. (Timing: FY 2020-21)	<i>5.3.2 Consider fee-for-service options, such as identifying and fixing leaks, promoting a third-party insurance program for water lines, and transferring commercial fire service and backflow testing to customers, etc. (Timing: FY 2019-20)</i>
5.3.1 Increase income from lease fees. (e.g., grazing, cellular towers). (Timing: ongoing)	5.5.1 Re-evaluate, report on, and update as appropriate reserve goals for Novato, West Marin, and Oceana Marin. (Timing: yearly)	
5.3.3 Consider cooperative agreements for additional solar projects on District-owned land. (Timing: FY 2019-20)		

*Italic* text items are behind schedule.

**Goal 6. EMERGENCY PLANNING AND RESILIENCE.** Increase preparedness for emergencies as well as long-term challenges such as drought and climate change.

Completed	In Progress	Future Activities
6.1.1 Participate in Marin County Multi-Jurisdictional Local Hazard Mitigation Plan. (Timing: FY 2018-19)		
6.1.2 Hire third-party consultant(s) experienced in developing and implementing Tabletop emergency training exercises. (Timing: FY 2019-20)		
6.1.3 Update the District's Emergency Operations Plan. (Timing FY 2020-21)		



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**DISBURSEMENTS - DATED OCTOBER 7, 2021**

Date Prepared 10/5/21


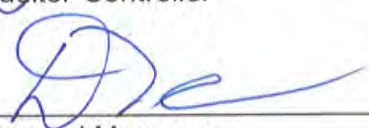
The following demands made against the District are listed for approval and authorization for payment in accordance with Section 31302 of the California Water Code, being a part of the California Water District Law:

Seq	Payable To	For	Amount
1	American Family Life Ins	September AFLAC Employee Paid Benefit	\$3,085.53
2	A.S.T.I.	Backflow Tests (71)	7,340.00
3	AT&T	Telephone (\$69), Fax (\$89), Leased Lines (\$142) & Data (\$285)	585.02
4	Bay Alarm Company	Quarterly Fire Alarm Monitoring Fee (STP) (10/1-	338.19
5	Bird, Erma Jean	Refund Overpayment on Open Account	1,068.30
6	Bold & Polisner	August Legal Fees-Potter Valley FERC NMWD Portion (\$518) & General (\$9,197)	9,715.00
7	Core & Main	Bolts (100) (\$136), Nuts (100) (\$391), Couplings (6) (\$3,797) & Valves (2) (\$1,758)	6,081.42
8	Department of Toxic Substance Control	Hazardous Waste Manifest Fees	150.00
9	Electrical Equipment Co	Freight From Previous Invoice	9.57
10	Evoqua Water Technologies LLC	Service on Lab Deionization System	296.71
11	Ferguson Waterworks	1 1/2" Meters (15)	9,195.38
12	Fishman Supply Co	Urine Relief Bags (100)	299.46
13	Fisher Scientific	Nitrogen Standard	53.16
14	Grainger	Intake Filter & Knee Boots, Hard Hat (Fike)	189.53
15	Hajarian, Michelle	Novato "Washer" Rebate Program	100.00
16	Kelly Services, Inc.	Organic Chemist Temp Services (Lab) (38 hrs)	2,357.13
17	Alain Leonnet	Refund Overpayment on Closed Account	158.98
18	MacDonald, Doris	Novato "Hot Water Recirculation System" (\$100) & "Toilet Rebate" Program (\$250)	350.00
19	Marin Independent Journal	Subscription Renewal (McIntyre) (10/21-10/22)	613.74

Seq	Payable To	For	Amount
20	Maselli & Sons	Rubber Matting (\$88), Water Hose (\$120) & Clamps (RW Station)	229.90
21	McMaster-Carr Supply Co	Bolts for Gates (10)	36.99
22	McPhail Fuel Company	Pressure Test on O.M. Propane Tank	105.00
23	Nelson, Susan	West Marin "Washer Rebate" Program	100.00
24	Noll & Tam Architects	Prog Pymt#5: Provide Headquarters Upgrade A/E Services (Balance Remaining on Contract \$716,894)	32,867.37
25	Novato Chamber of Commerce	Leadership Class (Clyde)	1,200.00
26	Pace Supply	Meter Gaskets (64), Tapping Sleeve (\$925), Tee (6), 6" DCDA (\$5,689), Ells (3) (\$1,453), Couplings (2) (\$930), Steel Pipe (42') (\$670) & 1" Copper Tube Nuts (5) (\$90)	9,848.39
27	Parkinson Accounting Systems	Accounting Software Support	2,187.50
28	RH & Sons Water Services	Backflow Testing Services (56)	3,640.00
29	Soiland Co., Inc.	Rock (16 yds)	494.60
30	Staples Business Credit	Misc Office Supplies	696.65
31	Stompe, Brad	Exp Reimb: Snacks for STP Safety Meetings & GAC Change Out (12/2020-07/2021)	282.48
32	US Bank	August Safekeeping Treasury Securities	142.25
33	VWR International LLC	Cold Packs	79.00
34	West Coast Energy Systems	OM Generator Repairs	1,195.00
35	West Yost Associates	Prog Pymt #1: Recycled Water Program Strategy (Balance Remaining on Contact \$2,944)	2,056.00
36	ZORO	Pipe Wrench (\$108) & Meter for E/M (\$498)	606.48

Seq	Payable To	For	Amount
<b>TOTAL DISBURSEMENTS</b>			<b><u>\$97,754.73</u></b>

The foregoing payroll and accounts payable vouchers totaling \$97,754.73 are hereby approved and authorized for payment.

	<u>10/05/2021</u>
Auditor-Controller	Date
	<u>10/5/2021</u>
General Manager	Date

## **DISBURSEMENTS - DATED OCTOBER 14, 2021**

Date Prepared 10/12/21

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

Seq	Payable To	For	Amount
P/R*	Employees	Net Payroll PPE 9/30/21	\$160,038.86
90424*	Internal Revenue Service	Federal & FICA Taxes PPE 9/30/21	66,205.37
90425*	State of California	State Taxes & SDI PPE 9/30/21	15,453.26
90426*	CalPERS	Pension Contribution PPE 9/30/21	39,686.99
EFT*	US Bank	August Bank Analysis Charge (Lockbox \$912 & Other \$352 Less Interest \$69)	\$1,194.45
1	Able Tire & Brake	Tires (8) ('16 Nissan Frontier - \$598, '04 Backhoe - \$5,767) & Alignment, Parts ('16 Nissan Frontier - \$292)	6,656.75
2	Associated Right of Way Services	Replacement Payment. Original Check Lost in Mail. (Right of Way Real Estate Services for Gallagher Well #2)	8,550.00
3	Bio-Acoustical Corporation	Annual Hearing Tests (24)	645.00
4	Blue, Julie	Exp Reimb: Chromebooks for Meetings/Training (2)	418.12
5	Boyett, Rebecca	Novato "Cash for Grass" Rebate Program	800.00
6		Vision Reimbursement	368.00
7	Core & Main	Reducers (4) (\$226), Box Lids (4) (\$112), Elbows (10) (\$926), Flanges (10) (\$440), Tapping Sleeve (\$965), Fire Check Assemblies (2) (\$6,033), Valves (3) (\$3,030) & CLOW Hydrant (\$1,833)	13,564.29
8	DataTree	Sept Subscription to Parcel Data Info	100.00
9	Direct Line Inc	Oct Telephone Answering Service	267.75
10	Enterprise FM Trust	Monthly Leases for Chevy Colorado, Ford Ranger, F250's (2), Nissan Rogues (3), Nissan Frontiers (2) & F150's (4)	6,592.20

Seq	Payable To	For	Amount
11	Environmental Express	Conical Tube (1,000) (Lab)	298.26
12	Environmental Science Assoc	Prog Pymt#11: Gallagher EWP Stream Channel Repair & Restoration (Balance Remaining on Contract \$19,299)	2,072.50
13	Eurofins Eaton Analytical, Inc	Algal Toxins Monitoring for Algae Bloom in Stafford Lake	1,100.00
14	Faville, Brendan	Novato "Cash for Grass" Rebate Program	267.50
15	Ferguson Waterworks	3" Meter (\$2,642) & High Gain Antennas for Hard to Read Meters (6) (\$737)	3,379.38
16	Fishman Supply Co	Safety Glasses (24) (\$141), Lens Wipes (400) & Nitrile Gloves (24)	246.64
17	Friedman's Home Improvement	Door Lock Installation Kit & Tees (4) (\$54)	90.81
18	Grainger	Compression Couplings (4) (STP Sludge Line) (\$141), Pressure Washer Nozzles (3) (\$365), Water Cooler Filters (2) (\$213) & Miscellaneous Maintenance Tools & Supplies (\$197)	915.52
19	HERC Rentals Inc.	Generator (\$2,678) & Compressor (\$787) Rentals (1 month each)	3,465.01
20	Kelly Services, Inc.	Organic Chemist Temp Services (Lab) (31 hrs)	1,889.28
21	Leonard, Natalie	Novato "Hot Water Circulation System" (\$100) & "Washer Rebate" (\$100) Rebate Programs	200.00
22	Lincoln Life Employer Serv	Deferred Compensation PPE 9/30/21	9,355.68
23	Marin Landscape Materials	Quik Mix (42 bags)	305.32
24	County of Marin	Encroachment Permit (12 Balboa Ave-Inverness)	448.54
25	McLellan Co, WK	Misc Paving	38,612.74
26	Minuteman Press	Recycled Water Vinyl Decals (125)	570.36
27	Nationwide Retirement Solution	Deferred Compensation PPE 9/30/21	1,020.00
28	Nerviani's Backflow	Backflow Testing (26)	1,820.00

Seq	Payable To	For	Amount
29	Noll & Tam Architects	Prog Pymt#6: Provide NMWD Headquarters Upgrade A/E Services (Balance Remaining on Contract \$633,116)	83,778.25
30	North Marin Auto Parts	Service Parts ('10 F150, '19 Nissan Frontier, '17 F350, '03 Dodge Dakota) (\$784), Terry Rags (6 bls) (\$127), Fluid Excavator (\$129) & Silicone	1,075.37
31	North Bay Gas	Acetylene (\$72), Oxygen (\$107), Nitrogen (\$836) (STP), Carbon Dioxide, Breathing Air & Sept Cylinder Rental	1,122.96
32	City of Novato	Street Excavation Moratorium Fee (San Marin Drive 07/2021-07/2026)	500.00
33	Office Depot	Misc Office Supplies	128.99
34	O'Reilly Auto Parts	Chain Saw Bar Oil	28.19
35	Pace Supply	Repair Clamps (2) (\$1,170), 12" Clamp (\$441), Blue PVC Pipe (1,240') (\$41,059), Gaskets (40) (\$213) & Tapping Sleeves (3) (\$2,392)	45,275.31
36	Pacific Gas & Electric Co	Power: Bldgs/Yard (\$5,786), Other (\$205), Pumping (\$43,000), Rect/Cont (\$475) & Treatment (\$126)	49,592.04
37	Pini Hardware	Miscellaneous Maintenance Tools & Supplies	334.75
38	Point Reyes Light	Legal Notice: 9/23 & 9/30 Salinity Intrusion - Pt Reyes Well Supply	348.00
39	Recology Sonoma Marin	Sept Trash Removal	541.78
40	Rowland Jr, Herbert M.	Novato "Cash for Grass" Rebate Program	400.00
41	Scott Technology Group	Monthly Maintenance on Engineering Copier (9/21-10/20) (\$183) & Contract Overage Charge	195.13
42	Shroyer, Jim & Toni	Novato "Toilet Rebate" Program	125.00
43	Soiland Co., Inc.	Rock (32 yds) (\$980) & Asphalt Recycling (5 tons)	1,060.93
44	Syar Industries Inc	Sand (15 yds)	937.34
45	United Parcel Service	Delivery Services: Algal Toxin Sample Sent to Lab & Material Sent for Local Water Enhancement Study Project	254.80

Seq	Payable To	For	Amount
46	Van Bebber Bros	Steel Plate (Old Ranch Road Tank Replacement)	222.86
47	Verizon Wireless	Cellular Charges: Data (\$1,189), Airtime (\$192) & iPads for Asset Management (\$200)	1,581.59
48	Verizon Wireless	Sept SCADA & AMI Collectors (\$650)	810.78
49	Wright, Karen F.	Novato "Cash for Grass" Rebate Program	400.00
		<b>TOTAL DISBURSEMENTS</b>	<b><u>\$575,312.65</u></b>

The foregoing payroll and accounts payable vouchers totaling \$575,312.65 are hereby approved and authorized for payment.

  
Auditor-Controller

10/12/2021  
Date

  
General Manager

10/12/2021  
Date



## POINT REYES LIGHT October 7, 2021

### **Notice:**

Seasonal salinity intrusion has occurred into two of North Marin Water District's wells serving the West Marin communities of Point Reyes Station, Olema, Inverness Park, and Paradise Ranch Estates. Now that sodium has reached 50 mg/L, North Marin Water District will be publishing this notice weekly to keep you informed about the sodium concentration in drinking water so you may be able to make informed dietary choices.

The table below lists the most recent concentrations for sodium in the West Marin water supply. While there is no direct health concern from salt for most people at this concentration, customers that are on sodium restricted diets should consult their physicians to see if additional sodium is a concern for them.

Date	Sodium	Chloride	Units
10/3/21 – 10/4/21	19.8 – 149*	34.7 – 387*	mg/L*
9/26/21	55.8	140	mg/L*
9/19/21	37.4	73.0	mg/L*
9/12/21	49.7	96.9	mg/L*

mg/L = milligrams per liter

\* This is a range from four different sample sites across the span of NMWD's distribution system.

The sodium concentration in part of our system has surpassed the 115 mg/L threshold representing 10% of the recommended daily intake for sodium (voluntarily set by NMWD). Accordingly, NMWD will be making treated drinking water with a lower salt content available to those customers on sodium-restricted diets. This water will be available at bottle filling stations on the former Coast Guard housing property, at the end of Commodore Webster Drive on Tuesdays 1:30 to 4:30 pm and Fridays 9:00 am to 1:00 pm. More information about this program can be found at [www.nmwd.com/wq](http://www.nmwd.com/wq) where you'll also find the annual report summarizing the high quality of the drinking water we serve to your tap.

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The table below lists the most recent concentrations for sodium in the West Marin water supply. While there is no direct health concern from salt for most people at this concentration, customers that are on sodium restricted diets should consult their physicians to see if additional sodium is a concern for them.

Date	Sodium	Chloride	Units
10/10/21 -10/11/21	26.0 – 81.0*	37.6 – 203*	mg/L *
10/3/21 -10/4/21	19.8 – 149*	34.7 – 387*	mg/L *
9/26/21	55.8	140	mg/L *
9/19/21	37.4	73.0	mg/L *

mg/L= milligrams per liter

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# DROUGHT DROP BY

**October 9**

**8am to 12pm**

**Pick up a FREE water-saving kit.**

**Marin County Location:**

North Marin Water District  
999 Rush Creek Pl  
Novato

[www.SavingWaterPartnership.org](http://www.SavingWaterPartnership.org)



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)

November 1, 2021

TO OUR VENDORS AND SUPPLIERS:

I would like to share North Marin Water District's philosophy that guides our employees when they represent the District in making purchases. This philosophy reflects the high ethical standards we wish to maintain.

**We believe that the giving or receiving of gifts and other symbols of appreciation are unnecessary.**

We are a public agency whose goal is simply to serve the public the best way that we can. Our policy prohibits employees from soliciting or accepting gifts, benefits or favors from a vendor or a vendor's representative. This includes such things as flowers, meals, foodstuffs and tickets. We think that this policy serves the best interests of both our employees and those with whom North Marin does business because it makes it clear that gifts, favors, etc. are neither a necessary nor desired part of doing business with the District.

I want to thank you in advance for respecting our position and cooperating with our policy. Our employees are aware that we are committed to this business philosophy. Should you have any questions about this business philosophy, please do not hesitate to contact me directly. Please forward this letter to the person (or persons) in your organization responsible for doing business with North Marin Water District.

Sincerely,

A handwritten signature in dark ink, appearing to read "Dm", is written over a light blue horizontal line.

Drew McIntyre  
General Manager

# ***North Marin Water District GM sets path amid drought***

**Marin Voice**

**Marin Independent Journal**

**By Drew McIntyre**

In recent months, North Marin Water District officials have received questions, comments and ideas from customers and others about how we plan to ensure reliable water supplies as we face a hotter and drier future.

As the authority serving Novato and West Marin, we would like to provide an update.

In late September, NMWD's Board of Directors approved a significant new local water supply enhancement study to identify potential new water sources for district customers. The enhancement study will explore numerous water supply options, including expanding water recycling, adding desalination, capturing and storing stormwater, increasing Stafford Lake's capacity and storing water in underground basins in wet years and saving it for dry years. The goal of this study is to identify local solutions for possible implementation.

District leaders are committed to increasing long-term water supply reliability for our customers. In 2018, the district updated its strategic plan. Increasing long-term water supply reliability was definition as the No. 1 goal.

We have been working to increase the water supply since that goal was established. For example, in 2019, the district joined a water supply resiliency study with Marin Municipal Water District and seven other water suppliers that receive water from the Russian River and the Sonoma County Water Agency.

The regional study is scheduled for completion in Summer 2022.

Because of the current drought, we accelerated the schedule to identify some new near-term water supply projects this fall.

The local water supply enhancement study continues the district's long tradition of proactive water management in Novato. NMWD's forward-thinking approach to sustainable water supplies has been demonstrated by the major water projects constructed in nearly every decade from the 1950s through today.

In recent years, the district, along with two local sanitary districts, massively expanded the recycled water system. As a result, NMWD now delivers more than 250

million gallons of recycled water each year to large landscape irrigation customers and drive-through car washes.

Every gallon of recycled water used saves a gallon of valuable drinking water for our potable water customers.

In 2019, NMWD installed electronic meters providing realtime data to help customers monitor their water use and detect leaks.

Last winter, we anticipated water needs during this severe drought, and the district imported water to refill Stafford Lake to more than one-half of its capacity for use this summer. We will refill the lake again in the coming winter if the drought continues.

The residential recycled water pick-up program and recycled water truck programs are back.

Residential customers can fill tanks and containers with clean, safe recycled water for hand watering of outdoor plants. Contractors with water trucks can pick up recycled water for dust control, power washing, mixing concrete, street cleaning and more. See our website at NMWD.com or call 415-897-4133 for details.

In addition, our industry-leading conservation programs have helped build a permanent culture of mindful water use in Novato and West Marin. We are especially grateful for our customers' conservation efforts during this severe drought. Through their cooperative actions, our customers are on track to meet districtwide conservation requirements.

New water projects can take time to complete, so we need to keep conserving. Careful water use stretches our existing supplies, especially during droughts. It helps provide time to identify, plan and implement new projects to ensure a sustainable water future for Novato.

We will keep the public informed and invite customer questions and input as we identify new water supply opportunities. Learn more about our efforts on the website and to take advantage of our "WaterSmart" portal, free home surveys, rebates and other water conservation information and resources.

*Drew McIntyre is general manager of the North Marin Water District.*

**In recent years, the district, along with two local sanitary districts, massively expanded the recycled water system.**

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Saturday, 10/02/2021 Page .A09

# Water sought for rural homes

## WEST MARIN

County asks utilities for supplies to haul

### **Marin Independent Journal**

**By Will Houston**

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

As the deepening drought threatens to dry up some West Marin wells in the coming months, the county government wants to tap into dwindling reservoirs to avoid a potential public health emergency.

The county proposes to truck reservoir water for the next four months to an estimated 10 to 20 residences in areas such as Nicasio, San Geronimo Valley and Lucas Valley. The actual number of residents is not certain, county officials said, as qualification criteria are still being drafted.

The water would only be used for basic indoor health and safety needs such as cooking, sanitation and hygiene, county officials said.

While no water requests have been made, Marin County Supervisor Dennis Rodoni said the county must plan ahead to ensure these residents don't run out of water, especially in the case of another dry winter.

"We don't anticipate that it will be a particular hardship on the water district because it is such a low amount of water," said Marin County Supervisor Dennis Rodoni.

Rodoni said residents who rely on well water in areas such as Nicasio and Lucas Valley often have to truck in water from other areas during the summer because of poor performing wells. Some residents have been trucking water from areas such as the Sacramento Valley in recent months, but many water districts are now restricting deliveries outside their service areas.

The governing boards of the county's two main water suppliers — the Marin Municipal Water District and the smaller North Marin Water District — will consider whether to grant the county's request on Tuesday evening. The two districts supply

water for 97% of the county's residents and are facing their own critical water shortages after two consecutive dry winters.

The county is looking to provide a minimum of 55 gallons per person per day to these West Marin residents, which is the amount the state deemed necessary to fulfill basic indoor needs. To meet this, county officials are asking the two water districts for about one acre-foot of reservoir water each. This equates to 0.02% of the Marin Municipal Water District's water supply in its seven reservoirs and 0.08% of the North Marin Water District's supply at Stafford Lake.

Residents would be required to pay for the water and the trucking costs and have storage capacity such as water tanks on their properties. The county would provide financial assistance to qualified residents, said Lisa Santora, the county's deputy public health officer.

However, the Marin Municipal Water District, which serves 191,000 residents in central and southern Marin, could deplete its main reservoir supplies by next summer. The district is considering investing tens of millions of dollars into emergency supply projects such as a pipeline across the Richmond- San Rafael Bridge or portable desalination plants. In a brief discussion last month, the Marin Municipal Water District board signaled openness to grant the request, so long as the residents meet the same conservation mandates their ratepayers do.

"I just think that at a minimum that they should be held to the same standards we're asking of our customers," board member Monty Schmitt said.

The Marin Municipal Water District set a 40% conservation goal in April and adopted water use restrictions such as only allowing sprinkler use one day per week. So far, the district's ratepayers have failed to meet that target, reaching a peak conservation level of 30% in August.

County officials said residents who receive reservoir water would be required to adhere to the same conservation rules and that the county would monitor their water use.

"Water is not a luxury anymore," Santora said.

The county is still developing

criteria for who would qualify for the water deliveries.

"You essentially have to run out of water and prove you can't get it anywhere else," Rodoni said.



The two water districts came to a similar agreement with the county earlier this year by allowing local ranchers to purchase and truck in untreated reservoir water for agricultural uses. Ranchers have purchased about 11 acrefeet of water since May 1, with one acre-foot of water being about 326,000 gallons.

Marin County Agricultural Commissioner Stefan Parnay said the water has helped sustain cattle ranches, but many have had to reduce the size of their herds because of the lack of water. While water hauling has worked so far, Parnay said his biggest concern is a third consecutive dry winter.

“I’m really concerned about the ag industry and for a lot of businesses to be able to survive,” he said. “Hauling water is not sustainable.”

The Marin Municipal Water District board plans hold a teleconference meeting at 7:30 p.m. Tuesday, and the North Marin board at 6 p.m. Tuesday, to consider the county’s request.

**“I just think that at a minimum that they should be held to the same standards we’re asking of our customers.”**

— *Monty Schmitt, Marin Municipal Water District*



Parched dirt lines Nicasio Reservoir last month in West Marin. The Marin Municipal Water District’s reservoir system was at 34% capacity as of Sunday — less than half the historical average for the date.

ALAN DEP/MARIN INDEPENDENT JOURNAL

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Tuesday, 10/05/2021 Page .A01Copyright Terms and Terms of Use.



NORTH COAST JOURNAL OF POLITICS, PEOPLE & ART

HUMBOLDT COUNTY, CALIFORNIA

september 30, 2021

## 'A Moment of Opportunity'

With two watersheds in crisis, a federal ruling sends a partnership back to the drawing board. Some think it's for the best.

BY THADEUS

GREENSON [THAD@NORTHCOASTJOURNAL.COM](mailto:THAD@NORTHCOASTJOURNAL.COM) [@THADEUSGREENSON](https://twitter.com/THADEUSGREENSON)

[click to enlarge](#)

FRIENDS OF THE EEL RIVER

Constructed in 1920 as a part of the Potter Valley hydroelectric project, Scott Dam blocks 100 miles of steelhead and salmon spawning habitat on the Eel River.

A multi-county, regional coalition of organizations bidding to take over Pacific Gas and Electric Co.'s Potter Valley Project didn't get what it was asking for, but some believe that may be a good thing for the Eel River and the fish that depend on it.

The Federal Energy Regulatory Commission (FERC) on Sept. 23 rejected a request from the Two Basin Partnership — a budding group that includes the counties of Humboldt and Mendocino, the nonprofit CalTrout, the Sonoma County Water Agency, the Mendocino County Inland Water and Power Commission and the Round Valley Indian Tribes — that sought more time to form a singular entity to take over the project from PG&E with an operating agreement that would benefit both Eel River and Russian River basin interests. On the surface, the ruling seemed to derail a years-long effort — spearheaded in large part by North Coast Congressman Jared Huffman — to forge what's been dubbed the Two Basin Solution to advance fish restoration efforts on the Eel River while still diverting some of its water to communities to the south which have come to depend on it. But there's also reason to believe FERC's decision will actually serve to fast-track efforts to find a viable solution, one that brings increased flows and improved water quality to the Eel River and its beleaguered fish populations.

"We always knew that this would be a major challenge," Huffman said in a Sept. 23 press release. "Today's ruling by FERC is just a new chapter in seeking a Two Basin Solution, and I am committed to doing the hard work needed to achieve that end. This

partnership and the stakeholders in the Eel and Russian river basins are strong and ready to take on this new challenge."

While years of drought and dwindling salmon and steelhead populations have shifted the focus to water, the Potter Valley Project at its core is about electricity. In 1900, the Eel River Power and Irrigation Co. began construction on Cape Horn Dam on the Eel River about four miles north of the town of Potter Valley, creating the van Arsdale Reservoir, as well as a one-mile tunnel that sent Eel River water down hill through a powerhouse before releasing it to the East Fork Russian River. But natural flows in the Eel River only allowed the project to operate in winter months, so the power company in 1920 began constructing a second, larger dam about 12 miles upriver from Cape Horn. Scott Dam, which formed Lake Pillsbury, created enough water storage capacity to control flows leading to Cape Horn, allowing the power company to generate electricity year-round. Recent decades, however, have seen endangered species protections obligate PG&E to keep more water in the Eel River. And the less water that gets diverted, the less electricity the project generates, making it less profitable to the company.

So a century after its construction, PG&E is looking to rid itself of the Potter Valley Project altogether and after trying unsuccessfully to sell it off, announced in January of 2019 that it would instead simply look to surrender its license, likely leading to its decommissioning.

Thus launched the Two Basin Partnership as a divergent group of stakeholders looked to band together to control their own interests, whether they be fishery restoration or continued water diversions.

"For the past couple of years, we've been trying to do all the studies, figure out how all this would really work and how it would be managed," Craig Tucker, a project consultant for the county of Humboldt, told the *Journal*, explaining that the parties agreed on a basic framework that would remove Scott Dam — which blocks 100 miles of salmon and steelhead spawning grounds and he dubbed "the biggest problem for fish" — and shift water diversions to winter months, when they would be less impactful on fish populations. "That was the concept."

The trip line is that FERC requires a host of costly environmental studies for a license transfer application and the Two Basin Partnership was unable to come up with the estimated \$18 million needed for the process. And time is running out, as PG&E's project license expires in April. FERC had already waived application timelines to allow the partnership to submit an application by the date of the license's expiration but it still needed more time and, on Sept. 2, asked for another extension. Not everyone was on board with the request.

A week later, Friends of the Eel River (FOER) issued a press release stating that while it had supported the Two Basin effort up to that point, it had become evident to the environmental nonprofit that partnership's re-licensing efforts would not succeed. As



such, FOER had come to believe the license surrender and decommissioning process would be the "surest and quickest" way to get the dams removed.

"Eel River fisheries are in crisis," FOER Executive Director Alicia Hamann said in a press release. "The project operations jeopardize the continued survival of Eel River Chinook salmon and steelhead, which are both listed under federal Endangered Species Act as threatened."

Removal of Scott Dam is essential if Northern California summer steelhead, listed as endangered by the state of California, "have any real hope of recovery," the press release contended, urging the Two Basin Partnership to withdraw its notice of intent to relicense the project.

While the partnership hasn't withdrawn its notice — Tucker says the group has yet to meet to officially discuss FERC's Sept. 23 decision and next steps — it seems clear the partnership's efforts to form a new regional entity to take over the dams' license are doomed.

"We simply don't have the time or the money needed to do the license application," Tucker said. "I think we'll be forced to contemplate how this partnership can interact with PG&E in the surrender scenario."

But the coalition remains, as Huffman indicated, and its focus will now likely shift to how it can achieve something resembling its Two Basin Solution through PG&E's license surrender and decommissioning process.

One possible scenario would be the creation of a new entity that would own and operate Cape Horn Dam and its water diversion apparatus, but that would likely require rights for that entity to sell the water to Russian River Basin interests in order to pay infrastructure and operational costs, and the willingness of those receiving Eel River water to pay for it.

Tucker said there remains "a lot of motivation" to address what is now a regional water crisis, noting that the South Fork Eel River recently ran dry before its confluence with the river's main stem for the first time in history, that the main stem looks "pretty awful" and some Russian River communities are already relying on bottled water.

"I do think the parties will stick together," he said. "If you've got a regional coalition, that's what you need to be able to ask for federal and state dollars. The only way to solve big problems is to have big, diverse coalitions. ... I do think there's a big opportunity here. Whenever a dam license expires, it is a moment of opportunity to make some change for the better."

*Thadeus Greenson (he/him) is the Journal's news editor. Reach him at 442-1400, extension 321, or [thad@northcoastjournal.com](mailto:thad@northcoastjournal.com). Follow him on Twitter @thadeusgreenson.*

# Lake Mendocino level now about 75% of what water managers had hoped

The Press Democrat

[MARY CALLAHAN](#)

THE PRESS DEMOCRAT

October 2, 2021, 7:20PM



Like tree rings, the receding water levels of Lake Mendocino show the progression of the two-year drought, Wednesday, Aug. 25, 2021 (Kent Porter / The Press Democrat) 2021

The storage level in Lake Mendocino was on pace to drop below 15,000-acre feet on Saturday, meaning a quarter of the supply water managers had hoped to keep in store by Oct. 1 already has been released.



The rapid shrinkage of the reservoir after two years of historic drought raises unsettling questions about the future for a range of consumers along the upper Russian River, whose supplies already are heavily restricted.

Meteorologists say predicted La Niña conditions are expected to produce drier than usual weather for much of central and southern California this winter, but that Sonoma County's location in a transition zone means it has equal chances of being wet.

Those whose water comes from the lower Russian River, including more than 600,000 people supplied by Sonoma Water, draw most of their storage from Lake Sonoma, which is much larger and still held 109,157-acre feet Friday. Lake Mendocino stood at 15,008-acre feet and had been diminishing by an average 123-acre feet per day over the previous week.

An acre foot is a unit of measure equal to 325,851 gallons or enough water to flood most of a football field 1 foot deep. It would supply almost 3½ water-efficient California households for a year, according to the Water Education Foundation.

Water managers had hoped to prevent the level in Lake Mendocino from falling below 20,000-acre feet to ensure enough water was available in the event that winter brings insufficient rainfall.

The State Water Resources Control Board has prohibited hundreds of water right holders in the upper river from withdrawing water in recent months, though it's not clear everyone has complied, given continued reductions in stream flow, particularly during the summer. Diversions in some areas, particularly around Alexander Valley and Healdsburg, actually went up during many weeks, compared to the same time a year earlier.

*You can reach Staff Writer Mary Callahan at 707-521-5249 or [mary.callahan@pressdemocrat.com](mailto:mary.callahan@pressdemocrat.com). On Twitter @MaryCallahanB.*

# Water utilities support relief for rural areas

MARIN COUNTY

## **Marin Independent Journal**

**By Will Houston**

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

The Marin Municipal Water District approved an emergency request by the county government to allow it to truck water to West Marin residents whose wells go dry during the drought.

The utility's board voted unanimously on Tuesday to allow the county government to tap into its dwindling reservoir supplies to ensure the West Marin residents have enough water for vital health and safety needs such as cooking and hygiene.

"This proactive approach to support is needed for residences in time of hardship during these drought conditions," Greg Pirie, a county health official, said Wednesday.

The North Marin Water District, which serves the greater Novato area and parts of West Marin, signaled its support on Tuesday to enter into a similar agreement with the county.

"There is a concern that these wells are drying up and that emergency water may be necessary for human health purposes," Tony Williams, assistant general manager of the North Marin Water District, told its board on Tuesday.

County officials said they anticipate the water will be needed for 10 to 20 homes that rely on well water supplies in Nicasio, San Geronimo Valley, Lucas Valley and Marshall. While no water requests have been made yet, county staffers anticipate wells will dry out in the coming weeks and months.

The agreement will allow these residents to buy treated Marin Municipal Water District reservoir water and pay to have it trucked to their properties.

These residents will be required to have their own storage capabilities, such as water tanks.

County officials said they would likely need 1 to 5-acre feet of water, which is less than 0.1% of the district's current water supply. An acre-foot is about 326,000 gallons.

Water haulers will be able to take treated reservoir water from a hydrant at Nicasio Road and Sir Francis Drake Boulevard. The hydrant will have a meter to track the amount of water taken, which will be charged at a rate of 150% of the district's Tier 1 rates, or about \$6.29 per 748 gallons.

The district will allow the water purchases to continue through Jan. 31, but it can rescind the agreement at any time before then.

The water district, which serves 191,000 residents in central and southern Marin, is facing a critical water shortage. The district's seven reservoirs in the Mount Tamalpais watershed are just one-third full and could be depleted as soon as next summer should the region experience a third consecutive dry winter, according to staff forecasts.

West Marin residents who buy the reservoir water will be required to follow the same conservation mandates set by the water district. The district has set a 40% conservation goal and imposes water use restrictions such as limiting outdoor sprinkler use to one day per week. The county would be required to monitor the water use and compliance with conservation rules.

A similar agreement is also in the works with the North Marin Water District, which serves more than 60,000 people in the greater Novato area and West Marin.

The county is requesting about one acre-foot of water from the district. The district anticipates providing this water through a hydrant at San Antonio Road, which supplies treated Russian

River water. About 75% of the district's water supply comes from Russian River water imports from the Sonoma Water Agency with the other 25% coming from the district's sole reservoir at Stafford Lake.

Williams said there is a small chance that Stafford Lake water might be used for the county's request.

The two water districts entered into a similar agreement with the county earlier this year by allowing ranchers to purchase untreated reservoir water for agricultural

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Thursday, 10/07/2021 Page .A03Copyright Terms and Terms of Use



# Water pipeline could be limited

## RICHMOND BRIDGE

Drought-relief option might only deliver about 60% of its capacity

### *Marin Independent Journal*

**By Will Houston**

*whouston@marinij.com*

A proposed water pipeline seen as a key drought-relief option for Marin County might only be able to deliver about 60% of its capacity, officials say.

The potential \$90 million duct across the Richmond-San Rafael Bridge is the emergency backup plan by the Marin Municipal Water District if the drought worsens. The district could deplete its reservoir supplies next summer if the area experiences a third consecutive dry winter.

The proposed 8-mile pipeline would have the capacity to pump in 13.5 million gallons of water, enough to meet the vital indoor needs for residents under a worst-case scenario where local reservoirs go dry and water imports from Sonoma County are entirely cut off, staff said.

The district plans to purchase water for the pipeline from agricultural producers in the Sacramento Valley. The East Bay Municipal Utility District, also known as East Bay MUD, would act as a go-between by funneling the purchased water more than 100 miles to its distribution system at Point Richmond before it is pumped over the bridge into Marin.

However, officials told the Marin Municipal Water District board on Tuesday that limitations in the distribution system at Point Richmond could result in it only being able to reliably pump in about 8 million gallons per day, or about 41% less than the pipeline's capacity.

"At certain times, if we were to draw more than the 8 million gallons, there is a chance that the water pressure would drop for some of their customers," Paul Sellier, the district's operations director, said Wednesday.

Marin water officials say the 8 million gallons per day is a very conservative estimate. East Bay MUD spokesperson Andrea Polk said the district has no projects planned at this time that would increase the pumping capabilities beyond that amount.

“Overall, we want to help Marin and the region in whatever way we can and we need to do it in a way that protects our customers as well,” Polk said Wednesday.

East Bay MUD serves about 1.4 million customers in Alameda and Contra Costa counties.

Larry Bragman, a board member at the Marin Municipal Water District, said this reduction would mean the district would likely need to augment the pipeline water with local supplies in order to meet indoor demands.

“Is that doable? I think if we put all these various supply options together we’re going to get through this,” Bragman said during Tuesday’s meeting.

The news came as a surprise to some ratepayers on Tuesday.

“Eight million gallons per day from this pipeline is a big disappointment compared to what we’d heard before,” Larkspur resident Ed Jameson told the board.

The Marin Municipal Water District’s seven reservoirs make up 75% of its water supply while Sonoma Water imports make up the remainder. Forecasts show the district could deplete its main reservoir supplies by next summer should the region experience a third consecutive dry winter this year.

Marin water officials said they would need about 10,000 to 15,000 acre-feet of water per year to ensure residents have enough water for vital indoor uses such as cooking, sanitation and hygiene. Outdoor uses such as lawn watering would be banned.

For comparison, Marin Municipal Water District customers used about 28,200 acre-feet of potable water in all of 2020. An acre-foot of water is about 326,000 gallons.

If the pipeline was able to carry the full 13.5 million gallons per day, it would be able to bring in more than 15,000 acre-feet of water per year into Marin. The 8 million gallons per day limit now anticipated would bring in about 9,000 acre-feet per year.

While the district is planning for a worst-case scenario, Sellier said the district anticipates receiving about 4,000 acre-feet of Sonoma Water imports next year and for local reservoirs to receive some water this coming winter. These supplies along with the pipeline water would be enough to get ratepayers through next year, he said.

Getting the full 8 million gallons per day would require East Bay MUD to install new piping and pressure sensors, staff said, which the Marin Municipal Water District would reimburse. Ben Horenstein, the utility's general manager, said there may be options to increase pumping capacity beyond that amount, such as pumping more water into the pipeline during times when East Bay water demands are lowest.

"We have a number of strategies, looking at 8 (million gallons) as a floor with the expectation that we'll be able to bump that up," Horenstein told the board.

The district board approved a memorandum of understanding with the East Bay Municipal Utility District on Tuesday that provides a framework for how the two agencies would work together. The memorandum states the district will reimburse East Bay MUD up to \$500,000 for planning and any related operations associated with the project. A more formal agreement is being developed.

The agreement also states that East Bay MUD will only help transfer the water to Marin so long as its own water supply needs are met first.

The agreement is set to go to East Bay MUD's general manager for approval in the coming weeks, according to Polk.

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Thursday, 10/07/2021 Page .A01Copyright Terms and Terms of Use.

# W. Marin saltwater problem with wells

## CONTAMINATION

Special tank set up for drinking water

### **Marin Independent Journal**

**By Will Houston**

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

Saltwater contamination at two West Marin wells serving nearly 2,000 people has become so severe that the local utility will take the unprecedented step of opening an emergency refilling station.

The North Marin Water District is recommending that ratepayers with low-salt diets obtain their drinking and cooking water from a 3,500-gallon water tank in Point Reyes Station until salt levels decrease in the wells.

“This is big for us in town,” said Ken Levin, president of the Point Reyes Station Village Association.

The water district and some ratepayers say the drinking water station could have been organization, Save Our Seashore, for appealing a district project to build a new well that would not be affected by saltwater.

The district was planning to complete the project this summer, but construction is now not expected to begin construction until early 2022 at the earliest.

After two failed appeals before the county this year, Save Our Seashore president and founder Gordon Bennett is set to bring his case before the California Coastal Commission on Oct. 15. The commission staff recommends denying the appeal.

Bennett argues the district’s environmental review did not adequately study how a second well would impact Lagunitas Creek flows and the endangered wildlife such as coho salmon.

“I don’t feel I’m responsible for this,” Bennett said Friday regarding the drinking water station. “If North Marin had done the proper studies and the studies had turned out properly, the well could have gone in. Is it my fault they didn’t do the studies?”

The water refilling station will be open at the end of Commodore Webster Drive from 1:30 to 4:30 p.m. on Tuesdays and from 9 a.m. to 1 p.m. on Fridays. Residents will be required to bring their own containers and tanks.

The North Marin Water District provides water to 1,800 residents in Point Reyes Station, Olema, Paradise Ranch Estates and Inverness Park using three wells. Two of the wells are located in Point Reyes Station near the former U.S. Coast Guard property near Tomales Bay.

The third well is located on the Gallagher Ranch about a mile east of the town, which is at a higher elevation and is unaffected by saltwater. The district is planning to build a second well at the ranch to provide a backup source of water as well as to obtain the full 300 gallons per minute it sought to obtain after opening the first well in 2015.

As a result of being closer to sea level, the two Coast Guard wells regularly experience some saltwater intrusion. However, the saltwater contamination has worsened through the years through a combination of drought, sea-level rise and the removal of the Giacomini dam on Lagunitas Creek in 1997 as well as the restoration of the Giacomini wetlands on the bay, according to district staff.

The district planned to open the water refill station should salt concentrations reach above 115 milligrams per liter. On Monday, salt levels reached 148 milligrams per liter.

Levin said he and other residents had experienced high salt concentrations in their drinking water last year and urged the district to come up with some alternative options. "We're very thankful that they were able to be so responsive," Levin said, "but as you will guess, this wouldn't have been necessary had the second well been done on schedule."

Bennett said he has no objection to the well project but said the district must adequately study the impacts on endangered fish before building it.

The point of contention involves a 1995 state order requiring the county's two main water suppliers, the Marin Municipal Water District and North Marin Water District, to maintain adequate flows in Lagunitas Creek for endangered coho salmon. Lagunitas Creek has the largest remaining population of endangered Central Coast coho between Monterey Bay and Mendocino County.

The water districts must maintain a creek flow rate of at least 48 gallons of water per second at a flow gauge in Samuel P. Taylor State Park during dry periods of June 16

through Nov. 1. This is achieved through dam water releases from the Kent Lake reservoir and would continue under the current plan, McIntyre said.

Bennett asked the county add a requirement to the permit requiring the district to release water “above and beyond” this amount should creek flows dip below the state-mandated rates at a water gauge in Gallagher Ranch. The Gallagher Ranch gauge is farther downstream from the Samuel P. Taylor Park gauge and not included in the state order.

Should the California Coastal Commission deny his appeal, Bennett said he plans to bring the issue to the State Water Resources Control Board.

“We’ll see if they will take an interest in this,” Bennett said. “This is going to get resolved one way or the other.”

Drew McIntyre, the district general manager, was optimistic this week about the upcoming hearing.

“We feel like there is a strong case to be made in having the staff supporting everything that has been done previously,” he said.

Levin was troubled that Bennett planned another appeal should the coastal commission rule against him.

“We are seriously questioning his motives,” Levin said.

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# Marin County Drought Tracker

## Marin Independent Journal

The Marin County drought tracker features water supply and conservation numbers for the Marin Municipal Water District, the North Marin Water District and Sonoma Water.

### Marin Municipal Water District

Total reservoir supply as of Oct. 7: 33.5%; 26,641 acre-feet Average water supply for Oct. 7: 68.9%; 54,808 acre-feet Water conservation, Oct. 1 to 7: 23% (6% decrease from prior week) MMWD's mandated conservation target: 40%

### North Marin Water District

Stafford Lake water supply as of Oct. 8: 27%; 1,158 acre-feet Average water supply for Oct. 8 (since 1994): 47%; 1,998 acre-feet Note: NMWD fed about 1,100 acre-feet of Russian River water into Stafford Lake from February to April. Novato water conservation as of Oct. 7\*\*: 22% (no change from prior update) Novato mandatory conservation target: 20% West Marin water conservation as of Oct. 7\*\*\*: 33% (no change from prior update) West Marin mandatory conservation target: 25%

### Sonoma Water

(provides 25% of MMWD's supply and 75% of NMWD's supply)

**Lake Mendocino supply:** 22.9%; 14,328 acre-feet **Lake Sonoma supply:** 44.1%; 108,150 acre-feet \* conservation % is based on collective use compared to three-year average water use for this time period for 2018-2020 \*\* Novato conservation % compared to June 2020 water use \*\*\* West Marin conservation % compared to water use in June 2013, the last normal water year

Sources: MMWD, NMWD, Sonoma Water

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# POINT REYES LIGHT

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## County will buy water for rural homes

By Ike Allen  
10/06/2021

With rural wells at risk of drying up, Marin County is seeking to purchase emergency drinking water to supply a small group of households in West Marin.

On Tuesday, Marin Water and North Marin Water District passed resolutions that will allow the county to sell their water to these homes if the private wells on the properties run dry.

County officials identified between 10 and 30 homes in the Nicasio, Lucas Valley and Marshall areas that could be vulnerable because they rely on wells and are outside of the regular service areas.

Residents will cover the cost of the water, and the county will help secure state grants for those who can't afford to pay for the trucking or the necessary supplies, like water reserve tanks.

Many of these residents would ordinarily truck in water from Marin Water or N.M.W.D. during the dry summer months, but both providers barred out-of-district delivery as drought conditions worsened. The cost of a truckload of water from elsewhere in the state has risen dramatically since the drought, becoming prohibitive for many.

"The whole picture told me that maybe the county needs to step up into the role here," said Supervisor Dennis Rodoni, who initiated the emergency program. "We're just trying to keep everyone somewhat afloat in this drought."

The program marks the first-ever effort by the county to buy water from providers and distribute it according to need.

Lack of water is a public health issue, said Dr. Lisa Santora, the county's deputy public health officer. "When you have a low well supply, you would potentially have a concern about the quality of that water," Dr. Santora said. She stressed the urgent need for hydration on the hot, dry days that are becoming more common in Marin.

The utilities would need to provide enough for the state-recommended 55 daily gallons per person, amounting to less than one acre-foot of stored water over a four-month period. The county, not the individual homeowners, will be the districts' customer in this case, but the residents are still required to conserve as much water as in-district customers.

Customers will need to prove that they have no alternate source of water, and they will only be allowed to use the water for indoor purposes.

Marin Water will supply the households in Nicasio and Lucas Valley with water from a metered hydrant in San Geronimo that draws from the district's seven reservoirs. The emergency use would only add up to about a .02 percent of the district's total water usage, said spokeswoman Emma Detwiler.



Last month, the district became the latest in Marin to announce penalties for high water use. The restrictions, which allow for 65 daily gallons per person, will kick in on Dec. 1 regardless of usage, and come with a complex tiered penalty system.

North Marin serves Novato along with Point Reyes Station, Olema and Inverness Park in its regular service area, and the county would likely use N.M.W.D. water only for the Marshall customers, said Tony Williams, the district's chief engineer. At under 1 percent of the district's total usage, "it's almost immeasurable compared to what we're supplying our other customers," he said. "Despite having such low supplies, we're willing to participate given that small increment."

Although North Marin's Coast Guard wells are closer to Marshall, the district plans to supply the emergency customers through a hydrant in Novato. The county already has an account to use the hydrant on San Antonio Road to supply emergency water to ranchers in West Marin. The hydrant water, which is sourced mainly from the Russian River watershed in Sonoma County, is more plentiful than the Coast Guard water, even with a 20 percent allotment reduction from Sonoma Water.

North Marin is also concerned about salinity levels at the Coast Guard wells. "We just don't want to exacerbate that problem," Mr. Williams said. "We think we have that under control and the last thing we'd want is to suddenly have more demand on the system."

This week, the district measured levels of sodium that ranged up to 149 milligrams per liter, exceeding the 115-milligram-per-liter limit that represents 10 percent of the recommended daily sodium intake. As a result, the district will now provide treated water from another West Marin well to customers on low-salt diets at bottle filling stations at the Coast Guard property. Customers don't need to show any proof from a doctor, and can fill up containers on Tuesdays from 1:30 to 4:30 p.m. and Fridays from 9 a.m. to 1 p.m.

The low-salinity water is not intended for well users, and Mr. Williams said anyone with concerns about their well should refer to the county's emergency program.

In rural West Marin, some residents have long contended with salty or unsafe well water, but because they live in unpermitted housing, accessing water formally through utility districts or the county poses a challenge. Instead, West Marin Community Services provides free bottled drinking water, and the nonprofit is careful not to expose them to scrutiny that could lose them their housing or jobs.

"We have the funding to provide water, and when people come, we don't ask questions," said Socorro Romo, the nonprofit's executive director.

Agricultural operations have also suffered. North Marin Water District previously used its hydrant on San Antonio Road strictly as a fire hydrant, but in June, it gave approval to the county agricultural commissioner's office to tap it for West Marin's ranching operations. Marin Water also began serving agricultural operations starting in late spring.

County agricultural commissioner Stefan Parnay said the amount of water drawn by the roughly 30 producers is a small fraction of the district's total usage, comparable to the amount that evaporates from the surface of the reservoirs each month. Since the county authorized the draws in June, ranchers have taken about 11 acre-feet from the hydrant, the same amount from Marin Water's Nicasio Reservoir, and an additional 1,800 gallons per day from Stafford Lake.

After the emergency agricultural use was authorized, a few residential property owners in West Marin alerted Supervisor Rodoni that their wells were at risk of running low.

Last month, the supervisor facilitated a special meeting with the water districts and county staff from the Office of Emergency Services and Department of Health and Human Services to begin to address the needs of these rural homes.

County officials don't know exactly how many households may need emergency water, though they estimate the number won't exceed 30. For the moment, their assessment mostly stems from the constituents that already approached

Supervisor Rodoni with their concerns. Dr. Santora said the county will partner with community organizations like the Nicasio Landowners Association to identify other potentially vulnerable properties.

## Salty Tap Water Forces Pt. Reyes Residents To Bottle And Tote Home Their Own

By [John Ramos](#) October 12, 2021 at 7:15 pm



PT. REYES (KPIX) — Water is in short supply everywhere, but in Pt. Reyes Station in West Marin County, the water they do have is becoming increasingly salty. Now, some residents are having to tote their water home by hand.

About 1,800 residents living in or near Pt. Reyes Station are being warned not to drink or cook with tap water because of elevated levels of salt. It doesn't come as a surprise to those who have been living with it for a year now.

"Last year I started drinking the water, not knowing it was salty," said resident Peggy Day. "The more I drank, the thirstier I got. And so, that's when I started looking into this."

"It's nasty," said Ella Vonins. "I mean, if you've tasted the saline content from last year you'd know that you can't just drink that water."

Vonins is on a salt-restricted diet for health reasons, so is getting fresh water from a filling station set up Tuesday by the North Marin Water District. There, residents can fill gallon jugs full of low-sodium water.

The problem lies in two wells at the former Coast Guard Station which have become increasingly affected by tidal flows from the sea. The district's Water Quality Supervisor Pablo Ramudo said decreased flows of fresh water from streams and the underground water table, and increased pressure from sea level rise is causing brackish water to back up to the two public wells.

"Over the decades and years we've seen salinity intrusion worsen," said Ramudo. "And in the last five years, it's been 50-60 percent worse than the year before, for several consecutive years."

The sodium content is now 20 times what it was just 5 years ago. But there is a solution, or at least, there could be. The district has another well higher up at the Gallagher Ranch site and would like to drill a second one that could be used when salinity increases farther down the hill.

But Ken Levin, President of the Pt. Reyes Village Association, said one resident keeps filing appeals to stop the process.

"The appeal's been denied three times already and the person who's appealing is going for a fourth try," he said. "I thought it was 'three strikes and you're out' but I guess he doesn't think so."

Levin says it's been frustrating and he hopes the Coastal Commission will give the go-ahead at its next meeting to finally drill the new well. That way, his neighbors won't have to carry their water home one gallon at a time.

"They had a remedy all prepared," said Peggy Day, shaking her head. "And then because of one citizen — one citizen — the rest of us, a thousand of us, have to come out and tote our water."



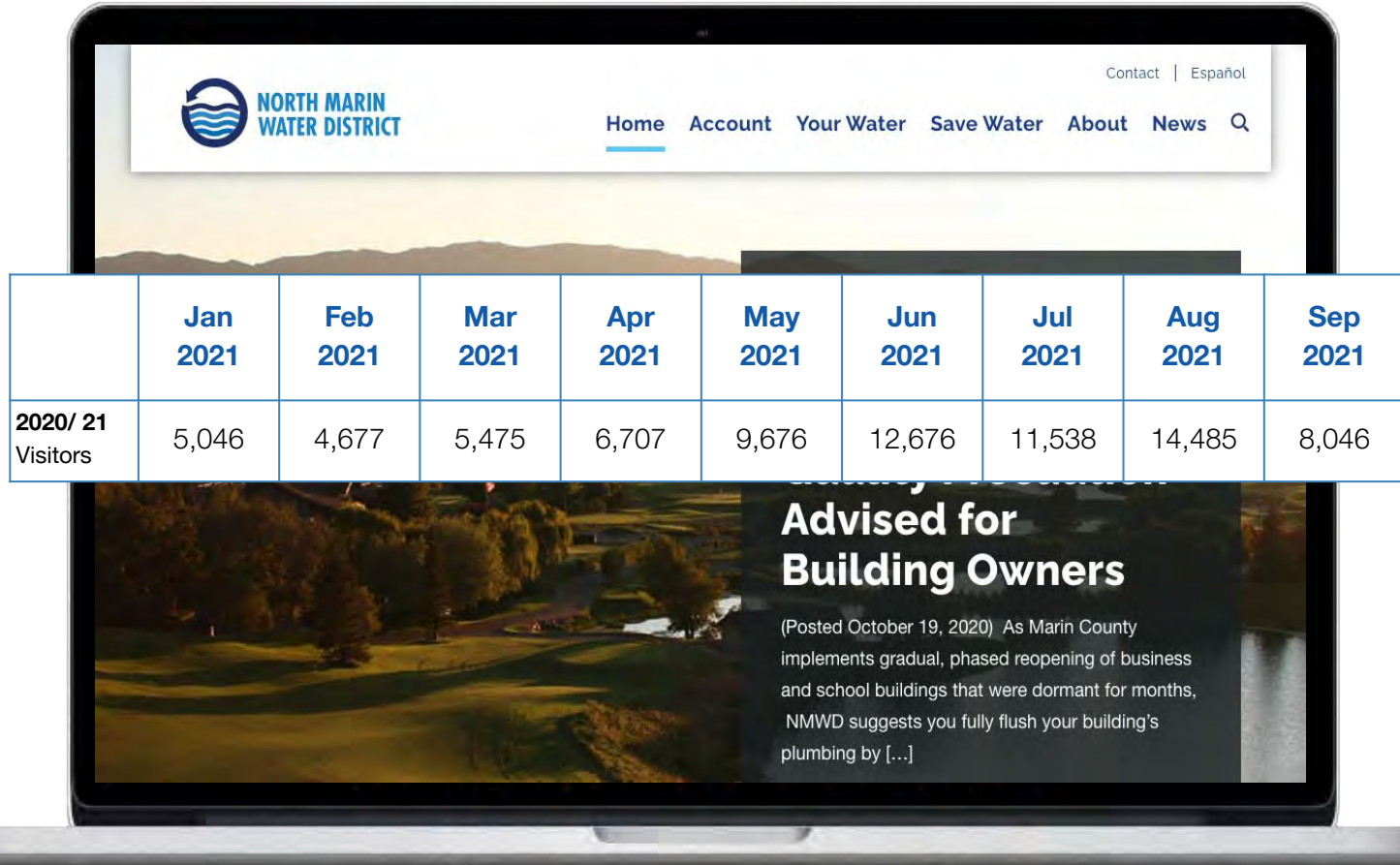
**NORTH MARIN  
WATER DISTRICT**

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# **Web & Social Media Report**

September 2021

# Website Statistics



## Social Media Followers

	Jan-2021	Feb-2021	Mar-2021	Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021	Sep-2021
 Facebook Likes	1,186	1,181	1,185	1,183	1,181	1,178	1,181	1,191	1,291
 Twitter Followers	21	24	29	28	35	42	44	52	57
 Instagram Followers	439	457	469	482	497	516	536	549	573



## NMWD Most Visited Pages

Pages	Unique Pageviews	% of Total
<a href="#">Home</a>	4,424	28.04%
<a href="#">Watersmart</a>	2,550	17.49%
<a href="#">Online Billing</a>	1,996	14.10%
<a href="#">Emergency Water Conservation Ordinances</a>	337	1.97%
<a href="#">Save water outdoors</a>	318	1.93%
<a href="#">Drought</a>	265	1.87%
<a href="#">Novato water</a>	259	1.77%
<a href="#">Contact</a>	257	1.60%
<a href="#">Novato service area guide</a>	254	1.53%
<a href="#">Recycled Water</a>	242	1.51%





## September News

### **North Marin Water District study will explore options to expand Novato water supply**

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(Updated September 16, 2021) A study is scheduled for approval at the September 21, 2021 Board meeting for North Marin Water District to explore options for expanding local water supply in our Novato Service Area.

A range of options will be explored during the Local Water Supply Enhancement Study, including expanding our recycled water distribution, capturing stormwater runoff from nearby areas such as Bowman Canyon, and groundwater banking, in which the groundwater aquifer can be recharged during wet years and drawn from during drought years.

The study will also include increasing the capacity of our Stafford Lake reservoir by raising lake elevation by three feet. Approximately 20% of Novato's water supply comes from Stafford Lake, with imported Russian River water sourced from the Sonoma Water agency making up the rest.

Based on potential growth in Marin County in the coming decade and the prospect of longer drought periods, North Marin Water District board members expressed support for exploring desalination options in this study.



## September News

# North Marin Water District is Developing New Water Supplies

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(Updated September 30, 2021)

In recent months, North Marin Water District (NMWD) has received questions, comments, and ideas from customers and others about how we plan to ensure reliable water supplies as we face a hotter and drier future. Here is an update.

**The Latest News:** In late September, NMWD's Board of Directors approved a significant new Local Water Supply Enhancement Study to identify potential new water sources for District customers. The Enhancement Study will explore numerous water supply options, including expanding water recycling, adding desalination, capturing and storing stormwater, increasing Stafford Lake's capacity, and storing water in underground basins in wet years and saving it for dry years. The goal of this study is to identify local solutions for possible implementation.



## September News

### Drought Drop-By Event #3

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(Posted September 30, 2021) North Marin Water District is holding a third Drought Drop-by event on Saturday, October 9, 2021, from 8am-12pm (noon) at our 999 Rush Creek Place office location. We should have a very similar Drought Tool Kit to what we had for the June and August Drop-By events. Make sure to drop by and get your FREE Drought Tool Kit. COVID-19 safety procedures will be in place.





## September Social Media Highlights | Facebook



North Marin Water District

7 September · 🌐

Customers are welcome and encouraged to attend North Marin Water District's virtual board meeting tonight. See the agenda for how to join by phone or Zoom: [nmgd.com/meetings](https://nmgd.com/meetings)



53 people reached | 1 engagement



North Marin Water District

9 September · 🌐

Did you know North Marin Water District maintains over 2,800 fire hydrants for maximum fire protection in the Novato service area?



85 people reached | 2 engagement

*Engagements include likes, reactions, clicks and comments*







## September Social Media Highlights | Facebook



North Marin Water District

10 September · 🌐

Under the new drought prohibitions, unreasonable irrigation overspray or run-off to the curb or gutter is prohibited. Visit [NMWD.com/drought](https://nmwd.com/drought) for more information #droughtishere #savewater



66 people reached | 1 engagement



North Marin Water District

14 September · 🌐

Under the new drought prohibitions, customers cannot use potable water to clean outside paved areas. Instead, use a broom to keep your patios, decks, sidewalks, and driveways clean. Visit [NMWD.com/drought](https://nmwd.com/drought) for more information. #droughtishere #savewater



49 people reached | 0 engagement

*Engagements include likes, reactions, clicks and comments*





## September Social Media Highlights | Facebook



North Marin Water District

15 September · 🌐

Did you know, under the new prohibitions, dining establishments will only bring customers a glass of water upon request? For more information, visit [NMWD.com/drought](https://nmwd.com/drought) #droughtishere #savewater



58 people reached | 0 engagement



North Marin Water District

17 September · 🌐

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)



50 people reached | 0 engagement



*Engagements include likes, reactions, clicks and comments*



## September Social Media Highlights | Facebook



66 people reached | 1 engagement



127 people reached | 2 engagement

*Engagements include likes, reactions, clicks and comments*





## September Social Media Highlights | Facebook

North Marin Water District  
5d · 🌐



116 people reached | 9 engagement

*Engagements include likes, reactions, clicks and comments*

North Marin Water District  
1d · 🌐

Check for leaks in your home! Under the new drought prohibitions, leaks must be fixed no later than 3 days after being found. Visit [nmwd.com/drought](https://nmwd.com/drought) for more information #droughtishere #savewater



57 people reached | 1 engagement







## September Social Media Highlights | Twitter



**North Marin Water District** @NorthMarinWater · Sep 7

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



**North Marin Water District** @NorthMarinWater · Sep 9

Did you know North Marin Water District maintains over 2,800 fire hydrants for maximum fire protection in the Novato service area?





## September Social Media Highlights | Twitter



**North Marin Water District** @NorthMarinWater · Sep 10

Under the new drought prohibitions, unreasonable irrigation overspray or run-off to the curb or gutter is prohibited. Visit [NMWD.com/drought](https://nmwd.com/drought) for more information [#droughtishere](#) [#savewater](#)



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

Under the new drought prohibitions, customers cannot use potable water to clean outside paved areas. Instead, use a broom to keep your patios, decks, sidewalks, and driveways clean. Visit [NMWD.com/drought](https://nmwd.com/drought) for more information. [#droughtishere](#) [#savewater](#)





## September Social Media Highlights | Twitter



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

Did you know, under the new prohibitions, dining establishments will only bring customers a glass of water upon request? For more information, visit [#droughtishere](https://nmwd.com/drought) [#savewater](https://nmwd.com/drought)



**North Marin Water District** @NorthMarinWater · Sep 17

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)





## September Social Media Highlights | Twitter



**North Marin Water District** @NorthMarinWater · Sep 22

...

Under the new drought prohibitions, customers must use a hose with an automatic shut-off nozzle when washing vehicles, trailers, and boats. Visit [NMWD.com/drought](https://nmwd.com/drought) for more information. #droughtishere #savewater



**North Marin Water District** @NorthMarinWater · Sep 23

...

Did you know that reconstruction of the Stafford Water Treatment Plant concluded in 2006 and, at the time, was the largest project ever undertaken in North Marin Water District's history?





## September Social Media Highlights | Twitter

North Marin Water District Retweeted



**City of Novato** @TweetNovato · Sep 24

We're [#NovatoProud](#) of [@NorthMarinWater](#)'s, Water Quality Supervisor, Pablo Ramudo. He is instrumental in keeping our community's water safe and clean year round! [#HispanicHeritageMonth](#) 🌈



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

Check for leaks in your home! Under the new drought prohibitions, leaks must be fixed no later than 3 days after being found. Visit [nmwd.com/drought](http://nmwd.com/drought) for more information [#droughtishere](#) [#savewater](#)



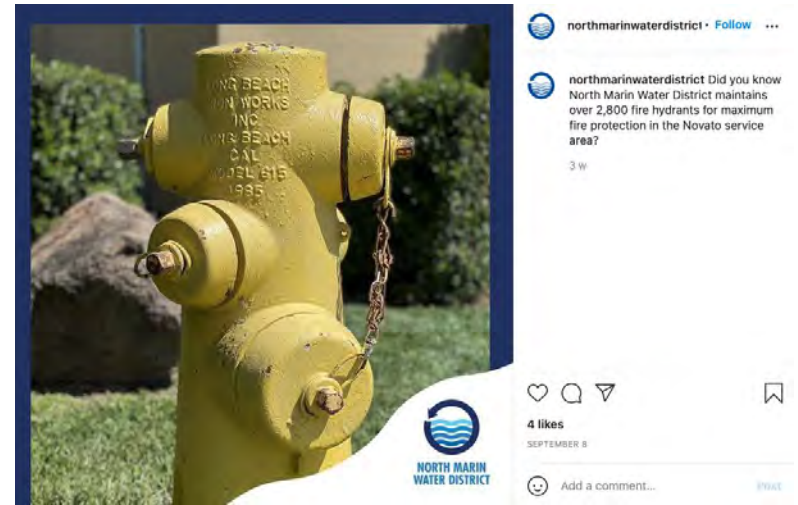




## September Social Media Highlights | Instagram



2 likes



4 likes





## September Social Media Highlights | Instagram



5 likes



5 likes





## September Social Media Highlights | Instagram



1 like



5 likes







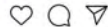
## September Social Media Highlights | Instagram



northmarinwaterdistrict • Follow ...

northmarinwaterdistrict Did you know that reconstruction of the Stafford Water Treatment Plant concluded in 2006 and, at the time, was the largest project ever undertaken in North Marin Water District's history?

6 d



1 like

8 DAYS AGO

Add a comment...



Post



1 like



northmarinwaterdistrict • Follow ...

northmarinwaterdistrict Check for leaks in your home! Under the new drought prohibitions, leaks must be fixed no later than 3 days after being found. Visit [nmwd.com/drought](https://nmwd.com/drought) for more information (link in bio). #droughtishere #savewater

2 d



3 likes

2 DAYS AGO

Add a comment...



Post



3 likes



# Fall Waterline

**Drought Drop-by**

October 9, 2021  
COVID safe procedures in place

From 8am Until Noon

Drop-by for your **FREE Drought Tool Kit**

Free aerator, dye tab, shower head, bucket, nozzle and more!

October 9, 2021  
From 8am until Noon

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

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 Information) system, and we encourage you to sign up and log in on the portal to 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 new website at [nmwd.com](http://nmwd.com) to learn more about accessing the WaterSmart Portal (and online bill pay). If you

**Drought is here. Save Water.**

New format Fall 2021 Waterline news mailer was designed and produced for Novato Service Area.

# Water Smart Home Survey

## Water Smart Home Survey

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Currently the free Water Smart Home Survey program is on hold due to COVID. We hope to resume these surveys in the future when it is safe to do so for the customer and our staff.

We are able to assist customers virtually during this time, e.g. to review your water use or diagnose issues.

If you have any water use or water conservation questions feel free to send an email directly to [waterconserve@nmwd.com](mailto:waterconserve@nmwd.com)

Kiosk temporarily unpublished the Water Smart Home Survey from the website.

We updated the copy on three pages to reflect the fact that surveys are virtual at this time.

[Water Smart Home Survey page](#)

[Outdoors page](#)

[Indoors page](#)

## What's Next?

- Kiosk preparing to launch NMWD FB Likes Campaign
- Kiosk creating a series of social media posts for California Water Professionals Appreciation Week
- Kiosk to boost Drought Drop-by Facebook post



**Thank You**