



**NORTH MARIN
WATER DISTRICT**

NORTH MARIN WATER DISTRICT
AGENDA - REGULAR MEETING
August 17, 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 Executive Order N-29-20 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.

Est.
Time
6:00 p.m.

Item

Subject

CALL TO ORDER

1. **APPROVE MINUTES FROM REGULAR MEETING**, August 3, 2021
2. **GENERAL MANAGER'S REPORT**
3. **OPEN TIME: (Please observe a three-minute time limit)**

This section of the agenda is provided so that the public may express comments on any issues not listed on the agenda that are of interest to the public and within the jurisdiction of the North Marin Water District. When comments are made about matters not on the agenda, Board members can ask questions for clarification, respond to statements or questions from members of the public, refer a matter to staff, or direct staff to place a matter of business on a future agenda. The public may also express comments on agenda items at the time of Board consideration.

4. **STAFF/DIRECTORS REPORTS**
5. **MONTHLY PROGRESS REPORT**
6. **PRELIMINARY FY 2020/2021 FINANCIAL STATEMENT**

INFORMATION ITEMS

7. NMWD Headquarters Upgrade Design Development Overview and Cost
8. STP Solar Power Facility – Status Report (Fiscal Year 2018/19 – 2020/21)
9. Gallagher Well No. 2 – Coastal Permit Appeal to California Coastal Commission
10. TAC Meeting Update – July 12, 2021

11. **MISCELLANEOUS**

Disbursements – Dated August 5, 2021
Disbursements – Dated August 12, 2021
SWRCB 20% Mandatory Reductions in Russian River Diversions – Tracking Status
(July 1 – August 5)
Summer 2021 Drought Mailer
Point Reyes Light – Salinity Notice August 5, 2021
James D. “Jim” Fritz – Obituary and Jim Fritz leaves NMWD

News Articles:

Marin IJ - Marin county drought tracker
Marin IJ – 1,081-home plan draws concern – NOVATO
Marin IJ – Marin Voice – Supervisor touts conservation, growth amid water shortage
Marin IJ – Utilities consider rationing of water – WEST MARIN
Marin IJ – Landscaping restrictions eyed for new developments – MARIN MUNICIPAL
Marin IJ – Strict watering rules approved for West Marin – DROUGHT CONCERNS
Marin IJ – Desalination option shelved; focus now on bridge pipeline –MARIN MUNICIPAL
Marin IJ – Opinion -Voters have role in Marin Municipal Water District shortage
Marin IJ – Marin Voice – Water district board VP makes case for bridge pipeline
Marin IJ – Editorial – Find ways to increase Marin water supply

Social Media Posts:

NMWD Web and Social Media Report – July 2021

12. **CLOSED SESSION:** Conference with Legal Counsel – Existing Litigation Pursuant to California Government Code Section 54956.9(d)(1) - (disclosure of matter name would jeopardize existing settlement negotiations).

Est. Time	Item	Subject
8:00 p.m.	13.	<i>ADJOURNMENT</i>

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DRAFT
NORTH MARIN WATER DISTRICT
MINUTES OF REGULAR MEETING
OF THE BOARD OF DIRECTORS
August 3, 2021

6 **CALL TO ORDER**

7 President Grossi announced that due to the Coronavirus outbreak and pursuant to
8 Executive Order N-29-20 issued by the Governor of the State of California this was a virtual
9 meeting. President Grossi called the regular meeting of the Board of Directors of North Marin
10 Water District to order at 6:01 p.m. and the agenda was accepted as presented. President Grossi
11 added that there was not a public location for participating in this meeting, but any interested
12 members of the public could participate remotely by utilizing the video or phone conference dial-
13 in method using information printed on the agenda.

14 President Grossi announced in the event of technical difficulties during the meeting, the
15 District Secretary will adjourn the meeting and the remainder of the agenda will be rescheduled
16 for a future special meeting which shall be open to the public and noticed pursuant to the Brown
17 Act.

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

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

26 Mr. McIntyre performed a roll call of staff, participating remotely were Drew McIntyre
27 (General Manager), Tony Williams (Assistant GM/Chief Engineer), Terrie Kehoe (District
28 Secretary), Julie Blue (Auditor-Controller), Tony Arendell (Construction/Maintenance
29 Superintendent) and Tim Fvette (Senior Engineer). Also participating remotely were Carl Nelson
30 District legal counsel (BPMNJ) and IT consultant Kevin Cozart (Core Utilities).

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

34 **MINUTES**

35 On motion of Director Joly seconded by Director Fraites the Board approved minutes from
36 the July 20, 2021 Regular Board Meeting by the following vote:

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

38 NOES: None

39 ABSTAIN: None

40 ABSENT: None

41 **GENERAL MANAGER'S REPORT**

42 West Marin Salinity Update

43 Mr. McIntyre reported the current sodium level for this week was 57 mg/L which means
44 NMWD will be placing a notice in this week's Point Reyes Light newspaper. He noted low saline
45 water will be made available for customers on salt restricted diets via a bottle fill station near the
46 Point Reyes Treatment Plant when sodium levels reach the 115/mg/L threshold. Mr. McIntyre
47 added staff will continue to monitor and test the water each week and report in the Point Reyes
48 Light accordingly.

49 COVID-19 Update

50 Mr. McIntyre informed the Board effective 12:01 a.m. August 17th, Bay Area health
51 officials, including Marin County issued orders requiring the use of face coverings indoors to
52 prevent the spread of COVID. He stated this order applies to all individuals regardless of
53 vaccination status. Mr. McIntyre added health officials reported they are very concerned about
54 the substantial levels of community transmission now found across the Bay Area in part due to
55 the widespread Delta variant. He added, due to the increase in COVID transmission in indoor
56 settings, coupled with the reinstated mask mandate, staff will be postponing any discussion
57 regarding returning to in-person meetings at this time. Mr. McIntyre noted he will continue to
58 update the Board.

59 Russian River Diversion Tracking

60 Mr. McIntyre apprised the Board that through the third week in July the Water Contractors
61 collectively have reduced Russian River diversions by 24% thereby exceeding the state Order's
62 20% mandate so far, He stated we still have a long way to go this summer and fall; but this is a
63 good start.

64 Stafford Treatment Plant Update

65 Mr. McIntyre reported over the last couple of weeks Stafford Treatment Plant has been
66 operating at reduced capacity due to high algae and manganese concentrations. He noted

67 however, the treatment plant staff have been able to operate sufficiently to keep Russian River
68 deliveries within 1% of our July target. Mr. McIntyre stated August will be more challenging as
69 we have been informed by our primary coagulant supplier that there was a catastrophic failure at
70 the production facility significantly impacting ferric chloride deliveries. He added, staff are looking
71 at switching to a different chemical, however in the interim we are on a day to day operations
72 status based upon availability of ferric chloride. Mr. McIntyre added ferric chloride supply
73 limitations are expected to continue through August, but the supplier states more chemical supply
74 will be available in September.

75 Jim Fritz

76 Mr. McIntyre announced that it was with great sadness that he wished to inform the Board
77 that our former Chief Engineer and Board of Director, Jim Fritz, passed away last week. He noted
78 there has not been any news of any services that are being held, but Ms. Kehoe will keep the
79 Board updated.

80 Director Joly asked how many of years of service Mr. Fritz had with NMWD. Mr. McIntyre
81 replied he was Chief Engineer for over 20 years and he was on the Board of Directors for one
82 four-year term. Director Joly noted it was wonderful he served the District for so many years.

83 Director Joly asked what the capacity of Lake Sonoma was and where the District was
84 with recycled water capacity. Mr. McIntyre reported as of Monday, Lake Sonoma was at 50%
85 and Lake Mendocino was at 31%. He added he expects the State Water Board will issue
86 additional curtailment orders for water right holders along the Russian River. Director Joly asked
87 what percentage of local supply was recycled water. Mr. McIntyre responded he estimated at
88 least 12-15%. Director Joly noted Stafford Lake is at 39% capacity and asked what capacity we
89 plan to draw it down to. Mr. McIntyre replied about 23%.

90 Director Petterle stated at the last meeting the Board rescinded the COVID-19 Declaration
91 of Emergency and asked if the District will need to renew that declaration. Mr. McIntyre stated he
92 does not anticipate a need to re-instate this declaration at this time.

93 **OPEN TIME**

94 President Grossi asked if anyone from the public wished to bring up an item not on the
95 agenda and the following were discussed.

96 Mr. Levin stated he appreciated letting the Point Reyes community know about the salinity
97 levels, noting everyone in town was happy to have another source of drinking water at
98 Commodore Webster. He also asked what the progress was on the Gallagher Well No. 2 project.
99 Mr. McIntyre replied in response to the Gallagher Well No. 2 project he gave the Board an update

100 on the appeal process at the last Board meeting. He added a more formal update will be provided
101 at the August 17th Board meeting.

102 Mr. Houston stated in respect to the recycled water station behind Fireman's Fund, he
103 wanted to give a shout out to District employee, David Ladd. He added he is an advocate for
104 expanding hours and locations. Mr. Houston stated he knows there are state permitting
105 requirements involved, but it would be nice if there were more stations set up so people can come
106 and go as the please. Director Grossi asked Mr. McIntyre to look into this possibility. Mr. McIntyre
107 first thanked Mr. Houston for acknowledging Mr. Ladd who took ownership of the recycled water
108 fill program. In regards to additional fill stations, he responded that he and Mr. Williams already
109 had that discussion and are exploring options to streamline regulatory requirements, but the state
110 ultimately governs how we run the program. Mr. McIntyre added the District is extending fill station
111 hours to include Saturdays.

112 **STAFF/DIRECTORS REPORTS**

113 President Grossi asked if any Directors or staff wished to bring up an item not on the
114 agenda and there was no response.

115 **CONSENT ITEMS**

116 On the motion of Director Petterle, and seconded by Director Fraites the Board approved
117 the following item on the consent calendar by the following vote:

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

119 NOES: None

120 ABSTAIN: None

121 ABSENT: None

122 **REVISED ENGINEERING TECH IV JOB DESCRIPTION**

123 The Board approved the revised Engineer Tech IV Job Description. The revised Engineer
124 Technician IV job description reflects two distinct focus areas, including current duties and
125 requirements for education and experience. The revised job description was provided to the
126 NMWD Employee Association for review and approval was received on July 14, 2021.

127 **ACTION ITEMS**

128 **AMENDING WEST MARIN EMERGENCY WATER CONSERVATION ORDINANCE 39**

129 Mr. McIntyre reminded the Board on May 5, 2020, the Board adopted Ordinance No. 39,
130 thereby declaring a water shortage emergency condition within the West Marin Service Area of
131 the District, prohibiting the waste and non-essential use of water. He noted pursuant to the
132 District's Interconnection Agreement with Marin Municipal Water District, (MMWD), the District
133 must impose voluntary or mandatory water-use reductions and prohibitions on use within the West

134 Marin Service Area in accordance with those reductions and prohibitions imposed by MMWD
135 during water shortage emergencies. Mr. McIntyre added at the May 18, 2021 Board meeting, the
136 Board adopted a resolution implementing a drought surcharge for the West Marin Service Area
137 for the July 1 through November 1 period and amended Ordinance 39. Mr. McIntyre stated the
138 May 18th amendments to Section 6 of Ordinance No. 39 aligned the District's limitations on water
139 use with the limitations imposed by MMWD's Board on May 4th. He added staff have reviewed
140 the limitations imposed by MMWD's Board on July 6th and recommends that the District also limit
141 use of overhead irrigation to one day per week and drip irrigation to two days per week. Mr.
142 McIntyre reported West Marin water savings for July compared to 2013 was 37% and compared
143 to 2020 was 26%. He noted when looking at the total gallons per capita per day for July, NMWD
144 West Marin customers are using less water than MMWD customers.

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

146 On the motion of Director Petterle, and seconded by Director Joly the Board approved
147 Resolution 21-17 amending Section 6 of Ordinance No. 39 by the following vote:

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

149 NOES: None

150 ABSTAIN: None

151 ABSENT: None

152 **AMENDING REGULATION 1 – NEW SERVICE CONNECTIONS**

153 Mr. Williams proposed amendments to Regulation 1 which would increase meter and
154 service line charges, revise the annexation recovery fee and also include other miscellaneous
155 revisions in multiple sections of Regulation 1.

156 Director Joly noted the resolution had a lot of changes, with many areas highlighted and
157 asked once it is approved if the public would be able to read it clearly on our website and see
158 what areas they need to look at. Mr. Williams replied all the District's regulations are posted on
159 our website and Regulation 1 will include a new revision date.

160 Director Grossi asked how staff determines if a parcel needs to be annexed or know if it
161 is within our service area. Mr. Williams discussed the District's GIS mapping information and how
162 it is used by staff to determine LAFCo approved Service Territories and also actual Improvement
163 District boundaries.

164 Director Joly asked if the Board approved the resolution, how would it impact people who
165 are already underway in the process. Mr. Williams replied any application received by August 3rd
166 would not be affected by the regulation changes. Mr. Williams also added he would like to
167 acknowledge Lia Solar and legal counsel for their assistance with the review and revisions.

168 Director Joly commended Mr. Williams, stating it was a good review and after five years it was
169 time to update the fees.

170 On the motion of Director Joly, and seconded by Director Petterle the Board adopted
171 Resolution 21-18 approving an increase in the meter and service line charges, approved a revised
172 annexation recover fee and amended Regulation 1 by the following vote:

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

174 NOES: None

175 ABSTAIN: None

176 ABSENT: None

177 **RE-DECLARING SURPLUS PROPERTIES, NOVATO (APNs 153-110-10, 153-111-15, 153-**
178 **182-44)**

179 Mr. Williams stated in 2000 and 2001 the Board determined these Novato properties were
180 no longer in use and identified them as surplus properties. He noted since that time no actions
181 have been taken to dispose, negotiate or sell these properties. Mr. Williams added since 2001
182 there has been a change to the law requiring that a surplus declaration must be made by a “formal
183 action” which is why it has been brought back to the Board for approval. He added he worked
184 with legal counsel to bring this resolution to the Board to officially declare these parcels as surplus
185 so the District can dispose of them. Mr. Williams also noted there was a lot line adjustment done
186 that combines two of the parcels into one, however it is not official yet.

187 Director Petterle stated in the case of public schools, the school district would identify a
188 parcel as surplus and they were required to offer the parcel first to parks, open space, and land
189 management. He added they were also required to sell it to these agencies below market value,
190 and asked if the District would be required to do the same. Mr. Williams replied he will come back
191 to the Board with this process, however when we move forward to dispose of the parcels we will
192 reach out to the City of Novato and County of Marin, especially to parks and open space. He
193 added low-income housing developers that are registered may also be interested in these surplus
194 properties. Mr. Williams noted if none of the agencies show an interest then they can be sold on
195 the open market.

196 Director Grossi emphasized that the housing developers must provide affordable housing.
197 Mr. Williams confirmed, they must acknowledge the site be used only for affordable housing.

198 Director Grossi asked if there were any comments from the public and there was no
199 response.

200 On the motion of Director Fraites, and seconded by Director Baker the Board re-declared
201 the parcels to be surplus and adopted Resolution 21-19 to formalize the action by the following

202 vote:
203 AYES: Director Baker, Fraitas, Grossi, Joly and Petterle
204 NOES: None
205 ABSTAIN: None
206 ABSENT: None

207 **MISCELLANEOUS**

208 The Board received the following miscellaneous items: Disbursements- Dated July 22,
209 2021, Disbursements- Dated July 29, 2021, CalPERS Preliminary Investment Returns FY
210 2020/21 and FY2020/21 4th Quarter Labor Cost Report.

211 The Board received the following news articles: Marin IJ – Big Novato home project
212 unveiled; Marin IJ – Water limit for new development – MARIN MUNICIPAL; Point Reyes Light –
213 Supervisors uphold North Marin well permit; Marin IJ – North Marin Water District looking to
214 expand supply – FACING THE DROUGHT and Point Reyes Light – Letters – NMWD came
215 through.

216 Director Joly stated he had question on a disbursement and will have a conversation with
217 Ms. Blue about it later in the week.

218 **CLOSED SESSION**

219 President Grossi adjourned the regular session at 6:48 p.m. and the Board began the
220 closed session at 6:54 p.m. in accordance with Conference with Legal Counsel – Existing
221 Litigation Pursuant to California Government Code Section 54956.9(d)(1) - (disclosure of matter
222 name would jeopardize existing settlement negotiations).

223 **OPEN SESSION**

224 Upon returning to the regular session at 7:25 p.m., President Grossi announced the Board
225 had not taken any reportable action during closed session.

226 **ADJOURNMENT**

227 President Grossi adjourned the meeting at 7:26 p.m.

228 Submitted by

229

230 Theresa Kehoe
231 District Secretary
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NORTH MARIN WATER DISTRICT
MONTHLY PROGRESS REPORT FOR July 2021
 August 17, 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%

*Excludes water backfed into Stafford Lake: FY21=363.51MG

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%

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%

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%

*Excludes potable water input to the RW system: FY22=0 MG; FY21=24.7 MG; FY20=19.4; FY19=20.6 MG; FY18=15.8MG

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2. Stafford Lake Data

	July Average	July 2021	July 2020
Rainfall this month	0.01 Inches	0.00 Inches	0.00 Inches
Rainfall this FY to date	0.01 Inches	0.00 Inches	0.00 Inches
Lake elevation*	187.6 Feet	181.9 Feet	184.4 Feet
Lake storage**	835 MG	543 MG	660 MG

* Spillway elevation is 196.0 feet

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

Temperature (in degrees)

	Minimum	Maximum	Average
July 2021 (Novato)	50	97	70
July 2020 (Novato)	52	104	68

3. Number of Services

July 31	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	20,811	20,780	0.1%	99	98	1.0%	794	791	0.4%	-	-	-
Total meters active	20,610	20,559	0.2%	96	93	3.2%	785	782	0.4%	-	-	-
Active dwelling units	24,094	24,077	0.1%	-	-	-	836	832	0.5%	235	235	0.0%

4. Oceana Marin Monthly Status Report (July)

Description	July 2021	July 2020
Effluent Flow Volume (MG)	0.611	0.611
Irrigation Field Discharge (MG)	0.304	0
Treatment Pond Freeboard (ft)	5.3	5.8
Storage Pond Freeboard (ft)	12.5	9.7

5. Developer Projects Status Report (July)

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	96	1
1.2841.00	Hamilton Village	70	50
1.2821.00	Atherton Place	98	2

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

Job No.	Project	% Complete	% This month
2.6263.20	Replace PRE Tank 4A	100	1
1.7193.00	Glen Rd AC Pipe Replacement	100	10
1.6600.87	STP Coat Top of Concrete Clearwells	100	1

Employee Hours to Date, FY 20/21

As of Pay Period Ending July 31, 2021
Percent of Fiscal Year Passed = 8%

Developer Projects	Actual	Budget	% YTD Budget	District Projects	Actual	Budget	% YTD Budget
Construction	138	1,400	10%	Construction	11	3,460	0%
Engineering	209	1,504	14%	Engineering	111	2,722	5%

6. Safety/Liability

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Industrial Injury with Lost Time				Liability Claims Paid	
Lost Days	OH Cost of Lost Days (\$)	No. of Emp. Involved	No. of Incidents	Incurred (FYTD)	Paid (FYTD) (\$)
4	\$896	1	1	0	\$0
11	\$4,840	1	1	0	\$0

FY 22 through July

FY 21 through July

Days since lost time accident through July 31, 2021

1 Days

7. Energy Cost

FYE	kWh	July		Fiscal Year-to-Date thru July		
		¢/kWh	Cost/Day	kWh	¢/kWh	Cost/Day
2022 Stafford TP ¹	41,766	21.6¢	\$291	41,766	21.6¢	\$291
Pumping	155,206	27.5¢	\$1,332	155,206	27.5¢	\$1,332
Other ²	42,308	31.1¢	\$411	42,308	31.1¢	\$411
	239,280	27.1¢	\$2,033	239,280	27.1¢	\$2,033
2021 Stafford TP	95,067	19.6¢	\$601	95,067	19.6¢	\$601
Pumping	167,936	25.8¢	\$1,497	167,936	25.8¢	\$1,497
Other ²	45,392	29.5¢	\$462	45,392	29.5¢	\$462
	308,395	24.5¢	\$2,560	308,395	24.5¢	\$2,560
2020 Stafford TP	74,698	21.9¢	\$527	74,698	21.9¢	\$527
Pumping	160,236	23.1¢	\$1,236	160,236	23.1¢	\$1,236
Other ²	54,252	27.6¢	\$499	54,252	27.6¢	\$499
	289,186	23.7¢	\$2,262	289,186	23.7¢	\$2,262

¹Actual electricity used 37,810kWh.

²Other includes West Marin Facilities

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8. Water Conservation Update

	Month of July 2021	Fiscal Year to Date	Program Total to Date
High Efficiency Toilet (HET) Rebates	17	17	4,292
Retrofit Certificates Filed	16	16	6,648
Cash for Grass Rebates Paid Out	10	10	958
Washing Machine Rebates	4	4	6,834
Water Smart Home Survey	0	0	3,899

9. Utility Performance Metric

SERVICE DISRUPTIONS (No. of Customers Impacted)	July 2021	July 2020	Fiscal Year to Date 2021	Fiscal Year to Date 2020
PLANNED				
Duration Between 0.5 and 4 hours	17	32	17	32
Duration Between 4 and 12 hours				
Duration Greater than 12 hours				
UNPLANNED				
Duration Between 0.5 and 4 hours	2	23	2	23
Duration Between 4 and 12 hours				
Duration Greater than 12 hours				
SERVICE LINES REPLACED				
Polybutylene	10	10	10	10
Copper (Replaced or Repaired)	8		8	

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	\$ 10,400
Time off to Employees for COVID related reasons* -	\$ 44,300
Vendor Expenses - Including Legal Fees	\$ 42,600
Total Covid-19 Costs to Date	\$ 212,900

* 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 07/2019	Last Year 07/2020	This Year 07/2021
Customer Accounts Past Due (count)	1.7%	3.8%	3.9%
Delinquent Balances % Due on Account	2.8%	7.6%	11.8%
Delinquent Balances \$ Due on Account	\$ 43,000	\$ 113,000	\$ 131,000

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NORTH MARIN WATER DISTRICT

Summary of Complaints & Service Orders July 2021

8/11/2021

Type	Jul-21	Jul-20	Action Taken July 2021
<u>Consumers' System Problem</u>			
Service Line Leaks	27	37	Notified Consumer
Noisy Plumbing	0	1	~
House Valve / Meter Off	19	6	Notified Consumer
Nothing Found	14	10	Notified Consumer
High Pressure	2	1	PRV failed advised to call plumber.
Total	62	55	
<u>Service Repair Reports</u>			
Meter Replacement	3	1	Replaced
Box and Lids	3	6	Replaced
Water Off/On Due To Repairs	6	5	Notified Consumer
Misc. Field Investigation	9	10	Notified Consumer
Total	21	22	
<u>Leak NMWD Facilities</u>			
Service- Leak	12	8	Repaired
Services-Nothing Found	0	1	~
Fire Hydrant-Leak	1	2	Repaired
Fire Hydrants-Damaged	0	2	~
Meter Leak	3	0	Repaired
Meters-Nothing Found	1	0	Notified Consumer
Washer Leaks	8	10	Repaired
Total	25	23	
<u>High Bill Complaints</u>			
Consumer Leaks	0	1	~
Nothing Found	0	1	~
Excessive Irrigation	0	1	~
Total	0	3	
<u>Low Bill Reports</u>			
Total	0	0	
<u>Water Quality Complaints</u>			
Total	0	0	
TOTAL FOR MONTH:	108	103	5%

Fiscal YTD Summary

Consumer's System Problems	62	55
Service Repair Report	21	22
Leak NMWD Facilities	25	23
High Bill Complaints	0	3
Low Bills	0	0
Water Quality Complaints	0	0
Total	108	103

Change Primarily Due To

13% Increase In Nothing Found/Meter Off
-5% Decrease In Box and Lids
9% Increase In Service Leaks
-100% Decrease In Nothing Found
0% No Change
0% No Change
5%

NORTH MARIN WATER DISTRICT

Summary of Complaints & Service Orders July 2021

8/11/2021

Type	Jul-21	Jul-20	Action Taken July 2021
<u>"In House" Generated and Completed Work Orders</u>			
<u>Check Meter:</u> possible consumer/District leak, high bill, flooded, need read, etc.	57	38	
<u>Change Meter:</u> leaks, hard to read	7	4	
<u>Possible Stuck Meter</u>	1	0	
<u>Repair Meter:</u> registers, shut offs	3	0	
<u>Replace Boxes/Lids</u>	0	0	
<u>Hydrant Leaks</u>	0	1	
<u>Trims</u>	0	0	
<u>Dig Outs</u>	0	2	
<u>Letters to Consumer:</u> meter obstruction, trims, bees, gate access, etc. get meter number, kill service, etc.	0	0	
	68	45	

Bill Adjustments Under Board Policy:

July 21 vs. July 20

Jul-21	9	\$1,072
Jul-20	12	\$9,625

Fiscal Year vs Prior FY

21/22 FY	9	\$1,072
20/21 FY	12	\$9,625

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MEMORANDUM

To: Board of Directors

August 13, 2021

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

Subj: Auditor-Controller's Monthly Report of Investments for July 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 \$24,303,707 and a market value of \$24,305,375. During July the cash balance decreased by \$257,915. The market value of securities held increased \$1,668 during the month. The ratio of total cash to budgeted annual operating expense stood at 130%, down 8% from the prior month.

At July 31, 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 28 days, compared to 31 days at the end of June. The LAIF interest rate for the month was 0.22%, compared to 0.26% the previous month. The weighted average Portfolio rate was 0.36%, compared to 0.41% the previous month.

Investment Transactions for the month of July are listed below:

7/6/2021	US Bank	LAIF	\$1,000,000.00	Trsf to LAIF account
7/16/2021	US Bank	LAIF	\$600,000.00	Trsf to LAIF account
7/19/2021	TIAA Bank	US Bank	\$249,373.23	TCD Matured
7/21/2021	LAIF	US Bank	\$730,000.00	Trsf from LAIF account

NORTH MARIN WATER DISTRICT
AUDITOR-CONTROLLER'S MONTHLY REPORT OF INVESTMENTS
July 31, 2021

Type	Description	S&P Rating	Purchase Date	Maturity Date	Cost Basis ¹	7/31/2021 Market Value	Yield ²	% of Portfolio
LAIF	State of CA Treasury	AA-	Various	Open	\$20,108,110	\$20,109,778	0.22% ³	83%
Time Certificate of Deposit								
TCD	Capital One Bank NA	n/a	8/21/19	8/23/21	247,000	247,000	1.85%	1%
TCD	Capital One Bank USA	n/a	9/6/19	9/7/21	247,000	247,000	1.75%	1%
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%
					\$2,723,000	\$2,723,000	1.43%	11%
Other								
Agency	Marin Co Treasury	AAA	Various	Open	\$1,045,108	\$1,045,108	0.22%	4%
Other	Various	n/a	Various	Open	427,490	427,490	0.41%	2%
TOTAL IN PORTFOLIO					\$24,303,707	\$24,305,375	0.36%	100%

Weighted Average Maturity = 28 Days

LAIF: State of California Local Agency Investment Fund.

TCD: Time Certificate of Deposit.

Agency: STP State Revolving Fund Loan Reserve.

Other: Comprised of 5 accounts used for operating purposes. US Bank Operating Account, US Bank STP SRF Loan Account, US Bank FSA Payments Account, Bank of Marin AEEP Checking Account & NMWD Petty Cash Fund.

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

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

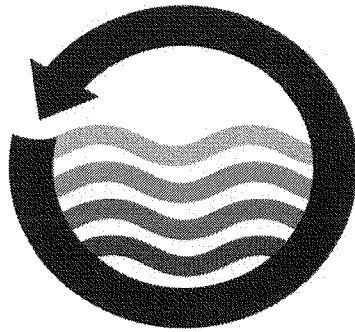
3 Earnings are calculated daily - this represents the average yield for the month ending July 31, 2021.

<u>Interest Bearing Loans</u>	<u>Loan Date</u>	<u>Maturity Date</u>	<u>Original Loan Amount</u>	<u>Principal Outstanding</u>	<u>Interest Rate</u>
Marin Country Club Loan	1/1/18	11/1/47	\$1,265,295	\$1,130,210	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
TOTAL INTEREST BEARING LOANS			\$5,390,295	\$3,585,448	

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

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NORTH MARIN WATER DISTRICT



FINANCIAL STATEMENT FISCAL YEAR 2020-21

June 30, 2021

Preliminary

**NORTH MARIN WATER DISTRICT
FINANCIAL STATEMENTS
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MEMORANDUM

To: Drew McIntyre, General Manager

August 13, 2021

From: Reviewed by: Julie Blue, Auditor-Controller

Prepared by: Nancy Holton, Accounting Supervisor and Nancy Williamson, Senior Accountant

Subj: Information – FY20/21 June Financial Statement

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FISCAL YEAR PERFORMANCE COMPARED TO THE ANNUAL BUDGET

CONSOLIDATED SUMMARY	Jun-21	FY20/21	FY20/21	FYTD /
Actual vs. Budget	Actual	Actual YTD	Budget	Budget %
Operating Revenue	\$3,163,604	\$25,345,803	\$22,646,000	112%
Operating Expense	1,918,204	23,967,781	21,598,000	111%
Non-Operating Revenue / (Expense)	(64,447)	(296,780)	(199,000)	149%
Net Income / (Loss)	\$1,180,953	\$1,081,242	\$849,000	127%
Other Sources / (Uses)*	(1,513,127)	1,235,056	(4,817,000)	-
Cash Increase / (Decrease)	(\$332,174)	\$2,316,298	(\$3,968,000)	-

* See Page 8.

For the fiscal year 2020-2021, the District generated a net income of \$1,081,242 and saw a net cash increase of \$2,316,298. On a seasonally adjusted basis, Operating Revenue came in 12% over budget and Operating Expense came in 11% over budget. The primary driver of the increased expense was the need to backfeed water into Stafford Lake. \$3,381,228 (49%) of the Capital Improvement Projects Budget was expended this fiscal year. At month end the ratio of total cash to budgeted annual operating expense (sans depreciation) stood at 138%.

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

NOVATO WATER	Jun-21	FY20/21	FY19/20	FY21 vs 20
Year over Year Comparison	Actual	Actual YTD	Actual YTD	Up/(Down)
Operating Revenue	\$2,764,761	\$22,401,348	\$21,012,449	7%
Operating Expense	1,676,388	21,172,303	20,730,642	2%
Other Income / (Expense)	(58,529)	(208,747)	27,616	-
Net Income / (Loss)	\$1,029,844	\$1,020,297	\$309,422	230%
Active Accounts	20,607	20,607	20,554	(0%)
Consumption (MG)	221	2,570	2,502	3%
Average Commodity Rate / 1,000 gal	\$10.44	\$6.66	\$6.37	5%
Income / (Loss) / Active Account	\$49.98	\$49.51	\$15.05	229%
Income / (Loss) / 1,000 Gal	\$4.65	\$0.40	\$0.12	231%
Connection Fee Revenue	\$10,000	\$3,496,089	\$1,531,535	128%
FRC Transfer (to)/from Recycled Water	(\$96,153)	(\$890,072)	\$689,600	-
Caltrans Capital Contribution	\$2,205	\$10,733	\$20,510	(48%)
MMWD AEEP Capital Contribution	\$0	\$0	\$0	\$0
Developer 'In-Kind' Contributions	\$111,742	\$994,377	\$864,540	15%

Consumption for the fiscal year to date was 3% more than the prior year same period. Total operating revenue, which includes wheeling and other miscellaneous service charges, increased 7% (\$1,388,899) from the prior year. Total operating expense was \$441,661 more than last year.

The Stafford Treatment Plant produced 211 MG this fiscal year at a cost of \$7,819/MG¹ versus \$3,071/MG³ from SCWA. The budget for Stafford is 650 MG at a cost of \$3,305/MG.

Staff time (hours) charged to Novato operations was 9% less than last year. Salary and benefit cost was \$5,732,150, which was 88% of the \$6,514,000 budget for Novato operations.

The fiscal year net income (which includes non-operating items such as interest revenue and expense) of \$1,020,297 compares to a budgeted net income for the year of \$546,000 and to a net income of \$309,422 for the prior year. \$1,833,179 (37%) of the Novato Water Capital Improvement Project Budget was spent versus \$1,947,104 (46%) for the prior year. \$3,496,089 in connection fees have been collected (\$486,000 is budgeted). Connection Fee reserves totaling \$890,072 were transferred this fiscal year from the Novato Water Fund to the Recycled Water Fund. The Novato Connection Fee Reserve has a net deficit of \$4,908,761 arising from transfers to the RW Fund in advance of Connection Fee receipts. This is down from a net deficit of \$6,599,639 last year. That deficit will be reimbursed by future Connection Fee revenue. The Novato cash balance decreased \$69,344 in June, and stood at \$18,557,130 at month end, compared to a budgeted projection of \$13,079,000 at fiscal year-end.

<u>NOVATO RECYCLED</u>	Jun-21	FY20/21	FY19/20	FY21 vs 20
Year over Year Comparison	<u>Actual</u>	<u>Actual YTD</u>	<u>Actual YTD</u>	<u>Up/(Down)</u>
Operating Revenue	\$306,320	\$1,686,124	\$1,530,259	10%
Operating Expense	119,271	1,518,398	1,033,357	47%
Other Income / (Expense)	(10,896)	(203,516)	(444,373)	(54%)
Net Income / (Loss)	<u>\$176,153</u>	<u>(\$35,790)</u>	<u>\$52,529</u>	-
Active Accounts	96	96	91	5%
Consumption (MG)	48.8	255.8	235.3	9%
Average Commodity Rate / 1,000 gal (net)	\$6.16	\$6.23	\$6.22	0%
Deer Island Production (MG)	0.0	9.0	6.4	42%
Novato Sanitary Production (MG)	35.9	216.5	176.0	23%
Las Gallinas Production (MG)	9.4	40.4	47.0	(14%)
Potable Water Input (MG)	6.8	24.7	16.7	48%
Connection Fee Alloc from Novato	(\$96,153)	\$890,072	(\$689,600)	-
Developer 'In-Kind' Contributions	\$0	\$0	\$10,000	(100%)
RW Costs	(\$24,370)	\$309,398	\$354,861	(13%)

255.6 MG was delivered to RW customers this fiscal year, 9% more than the prior year. Operating revenue was 10% more than last year. Total operating expense was 47% more than the prior year. The recycled water was produced at a cost of \$1,943/MG² (including potable water consumed) versus \$3,071/MG³ from SCWA. The budgeted production cost of recycled water is \$2,023/MG.

The fiscal year net loss of \$35,790 compares to a budgeted net loss for the year of \$19,000 and a net income of \$52,529 for the prior year. None of the Capital Improvement Project Budget has been expended this fiscal year.

The Novato Recycled cash balance stood at \$5,296,866 at month end, \$4.2M of which amount resides in restricted reserves for debt service, the Deer Island Facility Replacement Fund and the Recycled Water Capital Replacement and Expansion Fund.

¹ Stafford production cost = TP op expense (\$872,719) + SRF loan interest (\$196,033) + plant depreciation (\$581,127)/ 211 MG produced

² Recycled Water production cost = purchased water cost (\$307,840) + treatment expense (\$12,401) + Deer Island RW Facility SRF loan interest (\$41,816) + Deer Island plant depreciation (\$115,919)/246 MG produced

³ SCWA production cost per MG = O&M charge (\$2,512) + debt service charge (\$207) + Russian River conservation charge (\$326) + Russian River projects charge (\$27)

<u>WEST MARIN WATER</u>	Jun-21	FY20/21	FY19/20	FY21 vs 20
Year over Year Comparison	<u>Actual</u>	<u>Actual YTD</u>	<u>Actual YTD</u>	<u>Up/(Down)</u>
Operating Revenue	\$68,415	\$981,971	\$989,841	(1%)
Operating Expense	99,243	993,309	776,619	28%
Other Income / (Expense)	849	49,111	109,246	(55%)
Net Income / (Loss)	<u>(\$29,979)</u>	<u>\$37,773</u>	<u>\$322,468</u>	(88%)
Active Accounts	785	785	782	0%
Consumption (MG)	6.8	70.1	72.3	(3%)
Average Commodity Rate / 1,000 gal (net)	\$7.41	\$11.09	\$10.94	1%
Income/ (Loss) / Active Account	(\$38.19)	\$48.12	\$412.36	(88%)
Income / (Loss) / 1,000 Gal	(\$4.39)	\$0.54	\$4.46	(88%)
Connection Fee Revenue	\$0	\$0	\$0	-
Developer 'In-Kind' Contributions	\$830	\$830	\$336,398	-

Consumption for the fiscal year was 3% less than the prior year. Operating revenue was 1% less than last year.

Operating expenditures were \$216,690, or 28% more than the previous year. The fiscal year net income of \$37,773 compares to a budgeted annual net income of \$237,000 and to a net income of \$322,468 for the prior year. \$1,510,796 (102%) of the Capital Improvement Project Budget was expended this fiscal year, and no connection fees were collected (\$23,000 is budgeted). The West Marin Water cash balance decreased \$65,024 in June and stood at \$257,616 at month end, compared to a budgeted projection of \$386,000 at June 30, 2021.

<u>OCEANA MARIN SEWER</u>	Jun-21	FY20/21	FY19/20	FY21 vs 20
Year over Year Comparison	<u>Actual</u>	<u>Actual YTD</u>	<u>Actual YTD</u>	<u>Up/(Down)</u>
Operating Revenue	\$24,108	\$276,360	\$264,372	5%
Operating Expense	23,302	283,771	232,750	22%
Other Income / (Expense)	4,128	66,372	70,240	(6%)
Net Income / (Loss)	<u>\$4,934</u>	<u>\$58,961</u>	<u>\$101,863</u>	(42%)
Active Accounts	235	235	235	0%
Monthly Sewer Service Charge	\$103	\$98	\$93	5%
Income / (Loss) / Active Account	\$21.00	\$250.90	\$433.46	-
Connection Fee Revenue	\$0	\$0	\$0	-

Operating revenue of \$276,360 was 5% more than the previous year due to the 5% rate increase effective July 1, 2020. Operating expenditures were 22% \$51,021 more than the previous year. The fiscal year net income of \$58,961 compares to a budgeted annual net income of \$85,000 and to a net income of \$101,863 for the prior year. \$37,253 (13%) of the Capital Improvement Project Budget has been expended this fiscal year.

No connection fees have been collected (\$0 is budgeted). The Oceana Marin cash balance decreased \$2,501 in June and stood at \$453,504 at month end, compared to a budgeted projection of \$387,000 at June 30, 2021.

**NORTH MARIN WATER DISTRICT
STATEMENT OF NET POSITION
FOR THE PERIOD ENDING JUNE 30, 2021**

	TOTAL	NOVATO WATER	NOVATO RECYCLED	WEST MARIN WATER	OCEANA MARIN SEWER
ASSETS					
Cash & Investments					
Unrestricted/Undesignated Cash	\$3,385,560	\$3,005,957	\$3,685	(\$0)	\$375,918
Restricted Cash (Note 1)					
Connection Fee Fund	\$0	\$0	\$0	\$0	\$0
Bank of Marin Project Fund	0	0	0	0	0
AMI Project Loan Fund	0	0	0	0	0
Deer Island RWF Replacement Fund	1,804,801	0	1,804,801	0	0
Capital Replacement & Expansion Fund	2,417,211	0	2,417,211	0	0
Tax Receipts Held in Marin Co Treasury	3,582	38	0	917	2,628
STP SRF Reserve-Marine Co Treasury	1,045,043	1,045,043	0	0	0
RWS North/South SRF Reserve Fund	614,299	0	614,299	0	0
RW Central Area SRF Reserve Fund	275,773	0	275,773	0	0
Piazza Construction Escrow Account	48,240	0	0	48,240	0
Designated Cash (Note 2)					
Liability Contingency Fund	1,430,370	1,331,485	0	98,885	0
Workers' Compensation Fund	534,782	503,987	8,097	16,740	5,958
Retiree Medical Benefits Fund	4,658,025	4,658,025	0	0	0
Maintenance Accrual Fund	2,500,000	2,500,000	0	0	0
Operating Reserve Fund	5,845,834	5,511,000	173,000	92,834	69,000
Total Cash	\$24,563,521	\$18,555,535	\$5,296,866	\$257,616	\$453,504
Gain/(Loss) on MV of Investments	\$1,595	\$1,595	\$0	\$0	\$0
Market Value of Cash & Investments	\$24,565,115	\$18,557,130	\$5,296,866	\$257,616	\$453,504
Current Assets					
Net Receivables - Consumers	\$1,433,697	\$1,263,478	\$65,613	\$104,606	\$0
Accrued Water Sales	3,023,415	2,618,367	316,041	89,007	0
Accounts Receivable-Other	424,909	387,387	37,521	0	0
Prepaid Expense	321,631	320,531	0	0	1,100
Reimbursable Small Jobs	91,198	90,639	0	559	0
Interest Receivable	61,023	60,076	947	0	0
Inventories	687,346	687,346	0	0	0
Deposits Receivable	23,274	23,274	0	0	0
Total Current Assets	\$6,066,493	\$5,451,098	\$420,122	\$194,173	\$1,100

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**NORTH MARIN WATER DISTRICT
STATEMENT OF NET POSITION
FOR THE PERIOD ENDING JUNE 30, 2021**

	TOTAL	NOVATO WATER	NOVATO RECYCLED	WEST MARIN WATER	OCEANA MARIN SEWER
Loans Receivable					
Employee Loans (Note 3)	\$525,000	\$525,000	\$0	\$0	\$0
Other Long Term Receivables (Note 4)	3,265,365	2,079,140	1,186,225	0	0
Loans Receivable	\$3,790,365	\$2,604,140	\$1,186,225	\$0	\$0
Property and Plant					
Land & Land Rights	\$1,473,091	\$1,368,872	\$0	\$103,411	\$808
Dam, Lake, & Source Facilities	5,675,845	5,183,433	0	492,412	0
Treatment Facilities	22,750,231	18,771,513	2,666,198	454,159	858,362
Storage Facilities	24,593,098	20,844,117	1,643,458	2,105,523	0
Transmission Facilities (16"+)	29,405,627	29,283,304	0	122,324	0
Distribution and Pumping Facilities	108,484,790	71,004,968	31,455,961	6,023,862	0
Sewer Mains, Pumps, & Laterals	1,258,111	0	0	0	1,258,111
Sub-Total	\$193,640,794	\$146,456,206	\$35,765,617	\$9,301,690	\$2,117,282
Less Accumulated Depreciation (Note 5)	(63,447,370)	(52,964,834)	(5,034,911)	(4,311,689)	(1,135,936)
Net Property and Plant	\$130,193,424	\$93,491,372	\$30,730,706	\$4,990,001	\$981,346
Buildings and Equipment (Note 6)					
Buildings	\$2,119,365	\$2,119,365	\$0	\$0	\$0
Office Equipment	1,122,658	1,122,658	0	0	0
Laboratory Equipment	323,072	323,072	0	0	0
Trucks & Automobiles	1,287,718	1,287,718	0	0	0
Construction Equipment	974,660	974,660	0	0	0
Tools, Shop Equipment	220,890	220,890	0	0	0
Sub-Total	\$6,048,363	\$6,048,363	\$0	\$0	\$0
Less Accumulated Depreciation (Note 5)	(4,570,144)	(4,570,144)	0	0	0
Net Buildings and Equipment	\$1,478,219	\$1,478,219	\$0	\$0	\$0
Construction In Progress					
Developer	\$1,362,828	\$1,361,998	\$0	\$830	\$0
District	6,040,940	2,520,374	470,660	2,768,124	281,782
Total Construction in Progress	7,403,768	3,882,372	470,660	2,768,953	281,782
Net Utility Plant	139,075,411	98,851,963	31,201,366	7,758,954	1,263,127
Deferred Outflow of Resources-GASB68	2,795,641	2,795,641	0	0	0
Deferred Outflow of Resources-GASB75	341,851	341,851	0	0	0
TOTAL ASSETS	\$176,634,876	\$128,601,823	\$38,104,579	\$8,210,743	\$1,717,731

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**NORTH MARIN WATER DISTRICT
STATEMENT OF NET POSITION
FOR THE PERIOD ENDING JUNE 30, 2021**

	TOTAL	NOVATO WATER	NOVATO RECYCLED	WEST MARIN WATER	OCEANA MARIN SEWER
LIABILITIES AND NET ASSETS					
Current Liabilities					
Trade Accounts Payable	\$1,711,556	\$1,663,316	\$0	\$48,240	\$0
Reimbursement Prog. Unclaimed Funds	357,831	346,731	0	11,100	0
Loan Debt Principal Payable-Current	1,344,431	431,840	912,591	0	0
Bank of Marin Principal Payable-Current	394,701	344,179	0	50,522	0
JP Morgan/Chase AMI Loan-Current	275,000	275,000	0	0	0
Accrued Interest Payable-SRF Loan	114,058	0	114,058	0	0
JP Morgan/Chase AMI Loan Interest Payable	34,342	34,342	0	0	0
Deposits/Performance Bonds	381,439	348,610	0	29,829	3,000
Unemployment Insurance Reserve (Note 8)	23,400	23,400	0	0	0
Workers' Comp Future Claims Payable	23,440	21,682	656	797	305
Payroll Benefits (Note 9)	1,081,031	1,000,811	32,311	34,539	13,370
Deferred Revenue	303,086	295,652	478	6,957	0
Total Current Liabilities	\$6,044,316	\$4,785,564	\$1,060,094	\$181,983	\$16,675
Restricted Liabilities					
Construction Advances	\$545,901	\$465,281	\$0	\$80,620	\$0
Total Restricted Liabilities	\$545,901	\$465,281	\$0	\$80,620	\$0
Long Term Liabilities (Note 7)					
JP Morgan/Chase AMI Loan Payable	\$3,555,000	\$3,555,000	\$0	\$0	\$0
STP Rehab SRF Loan	7,132,774	7,132,774	0	0	0
RWF SRF Loan	1,273,680	0	1,273,680	0	0
RWS North/South Expansion SRF Loan	5,835,707	0	5,835,707	0	0
RWS Central Expansion SRF Loan	6,286,299	0	6,286,299	0	0
Bank of Marin Loan	4,411,764	3,847,058	0	564,706	0
Net Pension Liability @ 6/30/20	13,653,187	13,653,187	0	0	0
Total OPEB Liability (Note 2)	4,658,025	4,658,025	0	0	0
Total Long Term Liabilities	\$46,806,436	\$32,846,044	\$13,395,687	\$564,706	\$0
Deferred Inflow of Resources-GASB 68	801,855	801,855	0	0	0
Deferred Inflow of Resources-GASB 75	121,829	121,829	0	0	0
TOTAL LIABILITIES	\$54,320,337	\$39,020,573	\$14,455,781	\$827,309	\$16,675

**NORTH MARIN WATER DISTRICT
STATEMENT OF NET POSITION
FOR THE PERIOD ENDING JUNE 30, 2021**

	TOTAL	NOVATO WATER	NOVATO RECYCLED	WEST MARIN WATER	OCEANA MARIN SEWER
Net Assets					
Invested in Capital Assets					
Contributions in Aid of Construction	\$86,496,274	\$77,867,213	\$5,810,128	\$2,139,178	\$679,755
Grants in Aid of Construction	13,637,997	426,448	9,961,904	3,163,585	86,060
Connection Fees	42,704,901	28,954,363	10,823,269	2,233,588	693,681
Total Investment	\$142,839,172	\$107,248,024	\$26,595,300	\$7,536,351	\$1,459,496
Restricted Reserves					
Connection Fee Fund	(\$5,872,444)	(\$4,908,761)	\$0	(\$763,697)	(\$199,986)
Bank of Marin Project Fund	0	0	0	0	0
Deer Island RWF Replacement Fund	1,804,801	0	1,804,801	0	0
Capital Replacement & Expansion Fund	2,417,211	0	2,417,211	0	0
RWS North/South SRF Reserve Fund	614,299	0	614,299	0	0
RW Central Area SRF Reserve Fund	275,773	0	275,773	0	0
Designated Reserves					
Liability Contingency Fund	1,430,370	1,331,485	0	98,885	0
Maintenance Accrual Fund	2,500,000	2,500,000	0	0	0
Workers' Compensation Fund	511,342	482,304	7,441	15,944	5,653
Retiree Medical Benefits Fund	2,759,513	2,759,513	0	0	0
Operating Reserve Fund	5,940,000	5,511,000	173,000	187,000	69,000
Earned Surplus - Prior Yrs	(33,038,563)	(26,240,076)	(7,258,665)	81,596	378,582
Net Income/(Loss)	1,081,242	1,020,297	(35,790)	37,773	58,961
Prior Period Adjustment	(68,555)	0	0	0	(68,555)
Transfer (To)/From Reserves (see below)	(879,622)	(122,535)	(944,572)	189,581	(2,095)
Total Restricted & Designated	(\$20,524,633)	(\$17,666,774)	(\$2,946,502)	(\$152,918)	\$241,561
TOTAL NET POSITION	\$122,314,538	\$89,581,250	\$23,648,798	\$7,383,434	\$1,701,057
Transfer (To)/From Reserves					
Connection Fee	(\$13)	\$0	\$0	(\$13)	\$0
AMI Project Fund	0	0	0	0	0
Liability Reserve	0	0	0	0	0
Capital Replacement & Expansion Fund	(855,730)	0	(855,730)	0	0
Maintenance Reserve	0	0	0	0	0
RWF Replacement Fund	(83,739)	0	(83,739)	0	0
Retiree Medical Insurance Fund	0	0	0	0	0
(Gain)/Loss WC Fund	(8,962)	(8,490)	(103)	(274)	(95)
Bank of Marin Project Fund	213,823	19,955	0	193,868	0
Operating Reserve Fund	(145,000)	(134,000)	(5,000)	(4,000)	(2,000)
Total Transfer	(\$879,622)	(\$122,535)	(\$944,572)	\$189,581	(\$2,095)
TOTAL LIABILITIES AND FUND BALANCE	\$176,634,876	\$128,601,823	\$38,104,579	\$8,210,743	\$1,717,731

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**NORTH MARIN WATER DISTRICT
SOURCES AND USES OF FUNDS STATEMENT - ALL SERVICE AREAS COMBINED
FOR THE PERIOD ENDING JUNE 30, 2021**

	YTD Actual	Annual Budget	YTD/ Budget %	Prior YTD Actual
OPERATING REVENUE				
Water Sales	\$19,498,245	\$16,330,000	119%	\$18,194,168
Bimonthly Service Charge	5,210,162	5,610,000	93%	4,968,620
Sewer Service Charge	276,360	276,000	100%	264,372
Wheeling & Misc Service Charges	361,036	430,000	84%	369,761
TOTAL OPERATING REVENUE	\$25,345,803	\$22,646,000	112%	\$23,796,921
OPERATING EXPENDITURES				
Source of Supply	\$8,767,131	\$6,286,000	139%	\$7,096,644
Pumping	632,836	567,000	112%	646,366
Operations	1,152,928	857,000	135%	1,176,833
Water Treatment	1,769,446	2,628,000	67%	2,647,688
Sewer Service	175,092	178,000	98%	145,032
Transmission & Distribution	3,370,654	3,694,000	91%	3,560,512
Consumer Accounting	441,569	683,000	65%	534,552
Water Conservation	370,813	408,000	91%	398,010
General & Administrative	3,459,461	2,520,000	137%	3,201,515
Depreciation	3,827,851	3,777,000	101%	3,366,216
TOTAL OPERATING EXPENDITURES	\$23,967,781	\$21,598,000	111%	\$22,773,367
NET OPERATING INCOME (LOSS)	\$1,378,021	\$1,048,000	131%	\$1,023,554
NON-OPERATING REVENUE/(EXPENSE)				
Tax Proceeds	\$119,142	\$118,000	101%	\$115,565
Interest Revenue	294,066	316,000	93%	582,383
Miscellaneous Revenue	30,227	135,000	22%	170,571
Bond & Loan Interest Expense	(737,629)	(748,000)	99%	(796,147)
Miscellaneous Expense	(2,585)	(20,000)	13%	(3,933)
Capital Contribution Expense-NSD & LGVSD	0	0	-	(305,711)
TOTAL NON-OP REVENUE/(EXPENSE)	(\$296,780)	(\$199,000)	149%	(\$237,271)
NET INCOME/(LOSS)	\$1,081,242	\$849,000	127%	\$786,283
OTHER SOURCES/(USES) OF FUNDS				
Add Depreciation Expense	\$3,827,851	\$3,777,000	101%	\$3,366,216
Connection Fees	3,496,089	509,000	687%	1,531,535
Loan Proceeds	0	647,000	0%	0
Grant Proceeds	86,060	0	-	336,398
Marin County Club Loan Principal Pmts	(250)	0	-	(135,005)
StoneTree RWF Loan Principal	0	0	-	1,081,103
Caltrans AEEP Capital Contribution	10,733	1,000	1073%	20,510
MMWD AEEP Capital Contribution	0	205,000	0%	0
Capital Equipment Expenditures	(114,737)	(699,000)	16%	(285,105)
Capital Improvement Projects	(3,381,228)	(6,862,000)	49%	(3,134,715)
Bond & Loan Principal Payments	(2,183,242)	(2,395,000)	91%	(2,124,083)
Change in Working Capital	(506,220)	0	-	1,867,008
TOTAL OTHER SOURCES/(USES)	\$1,235,056	(\$4,817,000)	-	\$2,523,862
CASH INCREASE/(DECREASE)	\$2,316,298	(\$3,968,000)	-	\$3,310,145

**NORTH MARIN WATER DISTRICT
INCOME STATEMENT AND CASH FLOW BY SERVICE AREA
FOR THE PERIOD ENDING JUNE 30, 2021**

<u>SUMMARY INCOME STATEMENT</u>	TOTAL	NOVATO WATER	NOVATO RECYCLED	WEST MARIN WATER	OCEANA MARIN SEWER
Operating Revenue	\$25,345,803	\$22,401,348	\$1,686,124	\$981,971	\$276,360
Operating Expense	23,967,781	21,172,303	1,518,398	993,309	283,771
OPERATING INCOME/(LOSS)	\$1,378,021	\$1,229,044	\$167,726	(\$11,338)	(\$7,411)
Non-Operating Revenue/(Expense)	(296,780)	(208,747)	(203,516)	49,111	66,372
NET INCOME/(LOSS)	\$1,081,242	\$1,020,297	(\$35,790)	\$37,773	\$58,961
CAPITAL CONTRIBUTIONS					
Developer In-Kind Contributions	\$995,207	\$994,377	\$0	\$830	\$0
Caltrans AEEP Capital Contributions	10,733	10,733	0	0	0
MMWD Capital Contribution	0	0	0	0	0
Connection Fees	3,496,089	3,496,089	0	0	0
FEMA/CAL OES Grant-OM Treatment Pond	86,060	0	0	0	86,060
FRC Transfer	0	(890,072)	890,072	0	0
CAPITAL CONTRIBUTIONS	\$4,588,088	\$3,611,127	\$890,072	\$830	\$86,060
Prior Period Adjustments	(68,555)	0	0	0	(68,555)
CHANGE IN NET POSITION	\$5,600,775	\$4,631,424	\$854,282	\$38,603	\$76,467
Net Position June 30, 2020	116,713,763	84,949,826	22,794,516	7,344,831	1,624,590
Net Position June 30, 2021	\$122,314,538	\$89,581,250	\$23,648,798	\$7,383,434	\$1,701,057
CASH FLOW STATEMENT					
Net Income/(Loss)	\$1,081,242	\$1,020,297	(\$35,790)	\$37,773	\$58,961
Add back Depreciation	3,827,851	2,798,092	786,073	199,315	44,371
Cash Generated From Operations	\$4,909,093	\$3,818,389	\$750,283	\$237,088	\$103,333
Other Sources (Uses) of Funds					
Connection Fee Revenue	\$3,496,089	\$3,496,089	\$0	\$0	\$0
Loan Proceeds	0	0	0	0	0
Grant Proceeds	86,060	0	0	0	86,060
Capital Assets Acquisition	(3,495,965)	(1,947,916)	0	(1,510,796)	(37,253)
Caltrans AEEP Capital Contribution	10,733	10,733	0	0	0
MMWD AEEP Capital Contribution	0	0	0	0	0
Marin Country Club Loan Principal Pmts	(250)	0	(250)	0	0
Principal Paid on Debt	(2,183,242)	(1,451,075)	(683,339)	(48,827)	0
Consumer Receivables Decr (Incr)	(163,918)	(159,611)	9,435	(13,742)	0
Construction Advances (Decr) Incr	(1,103)	(70,223)	(10,000)	79,120	0
Other Assets Decr (Incr)	703,886	160,614	140,975	333,793	68,504
Other Liabilities (Decr) Incr	140,843	409,636	(203,485)	2,969	(68,276)
Trade Accounts Payable (Decr) Incr	(1,185,930)	(1,168,251)	(47,944)	30,266	0
Connection Fee Transfer	0	(890,072)	890,072	0	0
Total Other Sources (Uses)	(\$2,592,795)	(\$1,610,076)	\$95,463	(\$1,127,217)	\$49,035
Net Cash Provided (Used)	\$2,316,298	\$2,208,313	\$845,747	(\$890,129)	\$152,367
MV Cash & Investments June 30, 2020	\$22,248,817	\$16,348,817	\$4,451,119	\$1,147,745	\$301,137
MV Cash & Investments June 30, 2021	\$24,565,115	\$18,557,130	\$5,296,866	\$257,616	\$453,504

**NOVATO WATER
DETAIL INCOME STATEMENT
FOR THE PERIOD ENDING JUNE 30, 2021**

	<u>JUNE 2021</u>	<u>YEAR TO DATE ACTUAL</u>	<u>YTD/ BUDGET%</u>	<u>PRIOR YTD ACTUAL</u>
OPERATING REVENUE				
Water Sales	\$2,316,511	\$17,187,590	119%	\$16,000,386
Bill Adjustments	(4,005)	(61,290)	85%	(59,788)
Bimonthly Service Charges	415,981	4,921,137	92%	4,709,222
Account Turn-on Charges	0	0	0%	54,154
New Account Charges	375	5,935	85%	5,990
Returned Check Charges	27	162	16%	360
Hydrant Meter Up/Down Charges	100	3,920	78%	4,800
Backflow Service Charges	12,656	151,706	107%	149,428
Lab Service-Outside Clients	8,946	36,751	111%	43,132
Wheeling Charges - MMWD	14,170	155,436	159%	104,765
TOTAL OPERATING REVENUE	\$2,764,761	\$22,401,348	111%	\$21,012,449
TOTAL EXPENDITURES				
SOURCE OF SUPPLY				
Supervision & Engineering	\$787	\$9,002	82%	\$13,274
Operating Expense - Source	467	7,517	54%	8,289
Maint/Monitoring of Dam	1,550	23,927	19%	30,588
Maint of Lake & Intakes	1,388	5,252	26%	14,240
Maint of Structures	0	538	13%	0
Maint of Watershed	12	8,442	21%	19,627
Water Quality Surveillance	629	722	5%	1,642
Fishery Maint	0	1,333	-	0
Erosion Control	0	603	-	62
Purchased Water	677,230	7,278,894	127%	6,623,534
Purchased Water-Backfeed	0	1,098,109	-	0
GASB68 Adjustment	0	0	0%	7,050
GASB75 Adjustment (OPEB)	0	0	-	542
SOURCE OF SUPPLY	\$682,064	\$8,434,339	141%	\$6,718,848
PUMPING				
Operating Expense - Pumping	\$0	\$0	0%	\$0
Maint of Structures & Grounds	95	41,581	130%	34,416
Maint of Pumping Equipment	(7,932)	28,068	25%	158,903
Electric Power	44,708	473,379	139%	341,401
GASB68 Adjustment (Pension)	0	0	0%	13,279
GASB75 Adjustment (OPEB)	0	0	-	1,019
PUMPING	\$36,871	\$543,027	109%	\$549,018
OPERATIONS				
Supervision & Engineering	\$26,864	\$263,383	162%	\$232,895
Operating Expense - Operations	64,027	444,904	174%	507,830
Maintenance Expense	3,126	58,439	104%	52,959
Telemetry Equipment/Controls Maint	(1,758)	55,401	58%	61,798
Leased Lines	2,923	18,506	93%	16,656
GASB68 Adjustment (Pension)	0	0	0%	127,039
GASB75 Adjustment (OPEB)	0	0	-	9,755
OPERATIONS	\$95,183	\$840,632	115%	\$1,008,932

NOVATO WATER
DETAIL INCOME STATEMENT
FOR THE PERIOD ENDING JUNE 30, 2021

	<u>JUNE 2021</u>	<u>YEAR TO DATE ACTUAL</u>	<u>YTD/ BUDGET%</u>	<u>PRIOR YTD ACTUAL</u>
WATER TREATMENT				
Supervision & Engineering	\$1,970	\$130,881	88%	\$170,261
Operating Expense - Water Treatment	2,979	144,628	45%	284,929
Purification Chemicals	2,572	91,248	21%	503,664
Sludge Disposal	1,027	72,767	59%	93,987
Maint of Structures & Grounds	8,544	99,063	93%	93,901
Maint of Purification Equipment	18,178	199,629	107%	200,107
Electric Power	4,199	134,502	86%	160,692
Water Quality Programs	5,643	81,464	85%	107,549
Laboratory Direct Labor	22,719	343,850	99%	404,859
Lab Service-Outside Clients	4,279	34,464	77%	46,974
Water Quality Supervision	10,110	93,791	130%	89,662
Laboratory Supplies & Expense	8,625	66,418	81%	67,128
Customer Water Quality	4,449	29,328	47%	38,770
Lab Cost Distributed	(3,644)	(30,137)	121%	(25,801)
GASB68 Adjustment (Pension)	0	0	0%	226,813
GASB75 Adjustment (OPEB)	0	0	-	17,417
WATER TREATMENT	\$91,649	\$1,491,896	61%	\$2,480,913
TRANSMISSION & DISTRIBUTION				
Supervision & Engineering	\$56,165	\$642,299	108%	\$600,516
Maps & Records	11,767	132,140	70%	121,602
Operation of T&D System	18,467	281,257	414%	310,804
Facilities Location	12,584	162,184	115%	164,579
Safety: Construction & Engineering	2,713	43,172	72%	46,003
Customer Service Expense	25,733	266,691	98%	321,269
Flushing	20	10,158	21%	48,060
Storage Facilities Expense	11,872	131,822	108%	101,710
Cathodic Protection	1,209	9,662	57%	11,319
Maint of Valves/Regulators	12,021	113,317	61%	135,586
Maint of Mains	16,272	202,998	125%	158,205
Leak Detection - Mains	1,138	20,075	154%	10,249
Backflow Prevention Program	20,879	231,595	107%	187,668
Maint of Copper Services	15,581	133,175	86%	105,350
Maint of PB Service Lines	27,023	482,542	104%	443,334
Single Service Installations	2,316	56,466	-	26,039
Maint of Meters	9,863	135,771	102%	96,608
Detector Check Assembly Maint	5,775	40,072	48%	81,718
Maint of Hydrants	4,582	68,567	95%	48,301
GASB68 Adjustment (Pension)	0	0	0%	393,105
GASB75 Adjustment (OPEB)	0	0	-	30,195
TRANSMISSION & DISTRIBUTION	\$255,980	\$3,163,961	91%	\$3,442,219

**NOVATO WATER
 DETAIL INCOME STATEMENT
 FOR THE PERIOD ENDING JUNE 30, 2021**

	JUNE 2021	YEAR TO DATE ACTUAL	YTD/ BUDGET%	PRIOR YTD ACTUAL
CONSUMER ACCOUNTING				
Meter Reading	\$8,290	\$21,659	20%	\$19,205
Collection Expense - Labor	0	0	0%	18,395
Collection Expense - Agency	40	1,700	85%	748
Billing & Consumer Accounting	11,385	197,174	92%	248,703
Contract Billing	1,417	18,752	104%	13,742
Stationery, Supplies & Postage	4,781	69,038	126%	48,071
Online Payment Processing Fees	9,812	59,613	99%	64,242
Lock Box Service	912	10,998	100%	10,998
Uncollectable Accounts	2,666	23,681	474%	8,362
Office Equipment Expense	1,650	28,205	45%	35,601
Distributed to West Marin (4.1%)	(1,258)	(16,454)	110%	(17,814)
GASB68 Adjustment (Pension)	0	0	0%	52,414
GASB75 Adjustment (OPEB)	0	0	-	4,024
CONSUMER ACCOUNTING	\$39,696	\$414,367	63%	\$506,690
WATER CONSERVATION				
Residential	\$24,981	\$203,187	84%	\$198,881
Commercial	425	3,579	18%	6,481
Public Outreach/Information	15,970	111,992	187%	125,537
Large Landscape	822	10,128	36%	17,317
GASB68 Adjustment (Pension)	0	0	0%	32,083
GASB75 Adjustment (OPEB)	0	0	-	2,464
TOTAL WATER CONSERVATION	\$42,198	\$328,887	82%	\$382,764
GENERAL AND ADMINISTRATIVE				
Directors Fees	\$4,282	\$41,450	101%	\$40,873
Legal Fees	6,797	28,892	138%	16,569
Human Resources	15,191	73,713	134%	50,727
Auditing Fees	0	16,008	62%	19,651
Consulting Services/Studies	13,664	115,503	41%	142,010
General Office Salaries	97,693	1,233,924	104%	1,112,359
Safety: General District Wide	3,215	37,355	64%	45,069
Office Supplies	3,244	31,434	70%	33,783
Employee Events	45	1,186	10%	9,369
Other Administrative Expense	374	8,508	57%	6,281
Election Cost	0	250	1%	0
Dues & Subscriptions	265	106,192	107%	83,386
Vehicle Expense	676	8,112	101%	8,112
Meetings, Conferences & Training	8,335	79,640	41%	111,593
Recruitment Expense	84	19,844	-	2,143
Gas & Electricity	3,379	37,495	99%	37,254
Telephone	944	8,589	123%	7,088
Water	339	2,390	80%	1,909
Buildings & Grounds Maint	3,486	97,509	165%	77,130
Office Equipment Expense	6,627	112,374	80%	143,224
Insurance Premiums & Claims	17,173	145,870	94%	109,939
Retiree Medical Benefits	16,525	209,174	105%	186,221
(Gain)/Loss on Overhead Charges	(67,996)	(104,715)	75%	(322,446)
G&A Applied to Other Operations (5.9%)	(11,921)	(147,885)	102%	(130,592)
G&A Applied to Construction	(33,580)	(351,489)	74%	(389,809)
GASB75 Adjustment (OPEB)	0	0	-	20,250
GASB68 Adjustment (Pension)	110,428	1,345,781	327%	1,558,480
GENERAL & ADMINISTRATIVE	\$199,271	\$3,157,103	135%	\$2,980,572
Depreciation (Note 5)	233,475	2,798,092	98%	2,660,688
TOTAL OPERATING EXPENSE	\$1,676,388	\$21,172,303	109%	\$20,730,642
OPERATING INCOME/(LOSS)	\$1,128,373	\$1,229,044	159%	\$281,806

**NOVATO WATER
DETAIL INCOME STATEMENT
FOR THE PERIOD ENDING JUNE 30, 2021**

	JUNE 2021	YEAR TO DATE ACTUAL	YTD/ BUDGET%	PRIOR YTD ACTUAL
NON-OPERATING REVENUE				
Interest:				
General Funds	\$6,365	\$40,692	54%	\$26,381
Retiree Medical Insurance Fund	15,453	101,479	203%	217,621
Workers' Comp Fund	1,674	10,924	-	25,422
Aqueduct Energy Efficiency Proj Fund	0	309	-	1,279
Funds Held in County Treasury	568	7,297	243%	22,085
MMWD Interconnection Agreement Loan	0	60,352		64,182
Total Interest Revenue	\$24,060	\$221,052	171%	\$356,969
Rents & Leases	4,022	74,729	90%	81,043
Other Non-Operating Revenue	(5,008)	24,284	47%	33,930
Gain/(Loss) on MV of Investments	(45,317)	(74,650)	-	49,825
NON-OPERATING REVENUE	(\$22,243)	\$245,415	93%	\$521,767
NON-OPERATING EXPENSE				
Bank of Marin AEEP Loan Interest Exp	\$11,921	\$149,408	100%	\$160,988
STP SRF Loan Interest Expense	15,657	196,033	100%	215,953
JP Morgan/Chase AMI Loan Interest Expense	8,586	107,752	98%	114,881
Other Non-Operating Expense	123	969	5%	2,328
NON-OPERATING EXPENSE	\$36,286	\$454,162	95%	\$494,150
NET INCOME/(LOSS)	\$1,029,844	\$1,020,297	182%	\$309,422
BEGINNING FUND EQUITY				
NET INCOME/(LOSS)	1,029,844	1,020,297		\$79,168,973
Developer 'In-Kind' Contributions	111,742	994,377	-	309,422
Caltrans AEEP Capital Contribution	2,205	10,733	1073%	864,540
Connection Fees	10,000	3,496,089	1028%	20,510
FRC Transfer to/from Recycled Water	(96,153)	(890,072)	-98%	1,531,535
Prior Period Adjustment (Note 12)	0	0	-	689,600
ENDING FUND EQUITY		\$89,581,250		2,365,246
		\$89,581,250		\$84,949,826

**NOVATO RECYCLED WATER
DETAIL INCOME STATEMENT
FOR THE PERIOD ENDING JUNE 30, 2021**

	JUNE 2021	YEAR TO DATE ACTUAL	YTD/ BUDGET%	PRIOR YTD ACTUAL
OPERATING REVENUE				
Recycled Water Sales	\$300,763	\$1,592,656	129%	\$1,463,016
Bimonthly Service Charges	5,242	91,653	158%	66,859
Water Loads	315	1,815	-	300
Account Turn-on Charges	0	0	-	84
TOTAL OPERATING REVENUE	\$306,320	\$1,686,124	131%	\$1,530,259
OPERATING EXPENSE				
SOURCE OF SUPPLY				
Supervision & Engineering	\$246	\$1,558	-	\$0
Purchased Water - NSD	18,086	278,056	131%	253,961
Purchased Water - LGVSD	(42,701)	29,784	42%	100,900
SOURCE OF SUPPLY	(\$24,370)	\$309,398	109%	\$354,861
PUMPING				
Maint of Structures & Grounds	\$0	\$0	0%	\$0
Maint of Pumping Equipment	0	545	18%	1,199
Electric Power	1,247	3,737	125%	3,900
GASB68 Adjustment (Pension)	0	0	-	236
GASB75 Adjustment (OPEB)	0	0	-	18
PUMPING	\$1,247	\$4,282	61%	\$5,353
OPERATIONS				
Supervision & Engineering	\$1,296	\$17,164	132%	\$10,648
Operating Expense - Operations	439	14,108	109%	6,024
Potable Water Consumed	16,715	181,798	1212%	82,157
Maintenance Expense	5,261	23,692	237%	4,851
Telemetry Equipment/Controls Maint	0	2,759	23%	0
GASB68 Adjustment (Pension)	0	0	0%	3,879
GASB75 Adjustment (OPEB)	0	0	-	298
OPERATIONS	\$23,711	\$239,520	324%	\$107,858
WATER TREATMENT				
Purification Chemicals	\$0	\$2,595	65%	\$2,748
Maint of Purification Equipment	0	7,856	52%	879
Electric Power	0	1,950	65%	0
Laboratory Direct Labor	0	1,374	34%	1,118
Lab Expense Distributed from Novato	24	784	26%	607
GASB68 Adjustment (Pension)	0	0	0%	236
GASB75 Adjustment (OPEB)	0	0	-	18
WATER TREATMENT	\$24	\$14,559	47%	\$5,606
TRANSMISSION & DISTRIBUTION				
Supervision & Engineering	\$29	(\$149)	-1%	\$974
Operation of T&D System	0	12,500	1250%	0
Facilities Location	0	1,650	165%	1,522
Customer Service Expense	5,009	22,747	325%	7,006
Storage Facilities Expense	20	1,699	15%	1,014
Maint of Valves/Regulators	0	3,466	69%	2,547
Maint of Mains	44,224	48,997	4900%	3,496
Maint of PB Service Lines	0	139	-	1,198
GASB68 Adjustment (Pension)	0	0	0%	2,468
GASB75 Adjustment (OPEB)	0	0	-	190
TRANSMISSION & DISTRIBUTION	\$49,282	\$91,049	166%	\$20,415

**NOVATO RECYCLED WATER
DETAIL INCOME STATEMENT
FOR THE PERIOD ENDING JUNE 30, 2021**

	JUNE 2021	YEAR TO DATE ACTUAL	YTD/ BUDGET%	PRIOR YTD ACTUAL
CONSUMER ACCOUNTING				
Distributed from Novato (0.2%)	\$125	\$1,600	160%	\$1,326
CONSUMER ACCOUNTING	\$125	\$1,600	160%	\$1,326
GENERAL AND ADMINISTRATIVE				
Legal Fees	\$0	\$1,103	-	\$105
Consulting Services/Studies	0	0	-	3,250
Distributed from Novato (2.4%)	4,817	59,751	101%	52,508
GASB68 Adjustment	931	11,063	553%	8,248
GENERAL & ADMINISTRATIVE	\$5,748	\$71,917	118%	\$64,111
Depreciation (Note 5)	63,505	786,073	117%	473,828
TOTAL OPERATING EXPENSE	\$119,271	\$1,518,398	128%	\$1,033,358
OPERATING INCOME/(LOSS)	\$187,049	\$167,726	158%	\$496,902
NON-OPERATING REVENUE				
Interest:				
General Funds	\$3,375	\$8,437	14%	\$43,204
RWF Replacement Fund	6,161	38,949	\$0	79,847
Self-Insured Workers' Comp Fund	27	176	-	431
StoneTree RWF Loan	947	11,427	95%	18,549
Total Interest Revenue	\$10,511	\$58,989	39%	\$142,032
Other Non-Operating Revenue	0	0	-	0
NON-OPERATING REVENUE	\$10,511	\$58,989	39%	\$142,032
NON-OPERATING EXPENSE				
RWF SRF Loan Interest Expense	\$3,371	\$41,816	100%	\$47,243
Expansion SRF Loan Interest Expense	18,036	220,689	97%	233,451
Other Non-Operating Expense	0	0	-	0
Capital Contribution Expense-NSD&LGVSD	0	0	-	305,711
NON-OPERATING EXPENSE	\$21,406	\$262,505	97%	\$586,405
NET INCOME/(LOSS)	\$176,153	(\$35,790)	298%	\$52,529
BEGINNING FUND EQUITY				
		\$22,794,516		\$23,421,587
NET INCOME/(LOSS)	176,153	(35,790)		52,529
Developer 'In-Kind' Contributions	0	0	-	10,000
State Prop 50 Grant	0	0	-	0
IRWMP Prop 84 Grant	0	0	-	0
Water Smart Grant	0	0	-	0
Federal ARRA Grant	0	0	-	0
FRC Transfer to/from Novato	96,153	890,072	-98%	(689,600)
ENDING FUND EQUITY		\$23,648,798		\$22,794,516

**WEST MARIN WATER
DETAIL INCOME STATEMENT
FOR THE PERIOD ENDING JUNE 30, 2021**

	JUNE 2021	YEAR TO DATE ACTUAL	YTD/ BUDGET%	PRIOR YTD ACTUAL
OPERATING REVENUE				
Water Sales	\$52,381	\$818,603	112%	\$815,485
Bill Adjustments	(1,753)	(41,129)	-	(25,231)
Bimonthly Service Charges	16,582	197,372	99%	192,539
Account Turn-on Charges	0	0	0%	336
New Account Charges	20	140	14%	115
Returned Check Charges	0	18	-	9
Backflow Service Charges	1,184	6,968	139%	6,588
TOTAL OPERATING REVENUE	\$68,415	\$981,971	105%	\$989,841
OPERATING EXPENSE				
SOURCE OF SUPPLY				
Supervision & Engineering	\$0	\$5,530	-	\$2,680
Operating Expense	56	8,005	114%	1,500
Maint of Structures	0	6,943	46%	18,064
Water Quality Surveillance	484	484	48%	14
Purchased Water - MMWD	0	2,432	-	171
GASB68 Adjustment	0	0	0%	470
GASB75 Adjustment (OPEB)	0	0	-	36
SOURCE OF SUPPLY	\$540	\$23,394	97%	\$22,935
PUMPING				
Maint of Structures and Grounds	\$4,286	\$10,003	100%	\$9,043
Maint of Pumping Equip	361	32,599	142%	37,303
Electric Power	4,155	42,924	153%	39,954
GASB68 Adjustment (Pension)	0	0	0%	5,289
GASB75 Adjustment (OPEB)	0	0	-	406
PUMPING	\$8,802	\$85,527	136%	\$91,995
OPERATIONS				
Supervision & Engineering	\$2,155	\$25,508	170%	\$13,905
Operating Expense	2,199	25,142	140%	17,673
Maintenance Expense	215	1,832	-	1,088
Maint of Telemetry Equipment	189	16,104	107%	16,285
Leased Lines	351	4,190	84%	4,133
GASB68 Adjustment (Pension)	0	0	0%	6,463
GASB75 Adjustment (OPEB)	0	0	-	497
OPERATIONS	\$5,108	\$72,775	119%	\$60,044
WATER TREATMENT				
Supervision & Engineering	\$2,043	\$21,333	194%	\$14,058
Operating Expense	11,001	61,012	244%	22,890
Purification Chemicals	0	2,372	47%	3,332
Maint of Structures & Grounds	932	3,006	301%	654
Maint of Purification Equipment	2,788	24,932	249%	7,572
Electric Power	0	22,618	94%	19,802
Laboratory Direct Labor	4,704	47,778	133%	42,312
Laboratory Services	90	10,769	154%	5,748
Water Quality Supervision	324	25,719	643%	3,060
Customer Water Quality	1,125	16,192	324%	2,579
Lab Expense Distributed from Novato	3,431	27,259	130%	22,965
GASB68 Adjustment (Pension)	0	0	0%	15,042
GASB75 Adjustment (OPEB)	0	0	-	1,156
WATER TREATMENT	\$26,438	\$262,991	155%	\$161,169

**WEST MARIN WATER
DETAIL INCOME STATEMENT
FOR THE PERIOD ENDING JUNE 30, 2021**

	JUNE 2021	YEAR TO DATE ACTUAL	YTD/ BUDGET%	PRIOR YTD ACTUAL
TRANSMISSION & DISTRIBUTION				
Supervision & Engineering	\$123	\$3,452	43%	\$5,939
Facilities Location - USA	380	11,004	92%	11,564
Customer Service Expense	712	4,983	100%	9,009
Flushing	0	28	-	7,137
Storage Facilities Expense	8,230	32,164	161%	19,867
Cathodic Protection	0	0	0%	28
Maint of Valves	0	867	43%	705
Valve Operation Program	0	0	0%	0
Maint of Mains	1,127	5,402	68%	11,886
Water Quality Maintenance	0	4	0%	0
Maint of Backflow Devices	0	0	0%	0
Backflow Dev Inspection/Survey	7	4,852	81%	1,057
Maint of Copper Services	261	3,865	129%	883
Maint of PB Service Lines	6,256	35,032	121%	19,771
Maint of Meters	767	2,446	122%	1,613
Detector Check Assembly Maint	0	1,835	184%	1,222
Maint of Hydrants	0	610	61%	0
Hydrant Operation	0	0	0%	0
Single Service Installation	0	9,099	152%	(6,342)
GASB68 Adjustment (Pension)	0	0	0%	12,575
GASB75 Adjustment (OPEB)	0	0	-	966
TRANSMISSION & DISTRIBUTION	\$17,863	\$115,645	84%	\$97,879
CONSUMER ACCOUNTING				
Meter Reading	\$1,768	\$10,281	129%	\$8,064
Collection Expense - Labor	0	0	0%	0
Distributed from Novato (3.6%)	1,048	13,454	103%	14,792
GASB68 Adjustment (Pension)	0	0	-	1,410
GASB75 Adjustment (OPEB)	0	0	-	108
CONSUMER ACCOUNTING	\$2,816	\$23,735	108%	\$24,374
WATER CONSERVATION				
Water Conservation Program	\$9,215	\$41,927	466%	\$13,474
GASB68 Adjustment (Pension)	0	0	-	1,646
GASB75 Adjustment (OPEB)	0	0	-	126
TOTAL WATER CONSERVATION	\$9,215	\$41,927	466%	\$15,246
GENERAL AND ADMINISTRATIVE				
Legal Fees	\$788	\$3,803	190%	\$1,722
Consulting Services/Studies	1,050	40,693	116%	180
Distributed from Novato (3.6%)	5,187	64,348	104%	57,206
GASB68 Adjustment (Pension)	4,918	59,158	2958%	58,217
GENERAL & ADMINISTRATIVE	\$11,943	\$168,001	170%	\$117,324
Depreciation (Note 5)	16,517	199,315	106%	185,652
TOTAL OPERATING EXPENSE	\$99,243	\$993,309	129%	\$776,619
OPERATING INCOME/(LOSS)	(\$30,829)	(\$11,338)	(7%)	\$213,223

**WEST MARIN WATER
DETAIL INCOME STATEMENT
FOR THE PERIOD ENDING JUNE 30, 2021**

	<u>JUNE 2021</u>	<u>YEAR TO DATE ACTUAL</u>	<u>YTD/ BUDGET%</u>	<u>PRIOR YTD ACTUAL</u>
NON-OPERATING REVENUE				
Interest - General Funds	(\$171)	\$6,787	68%	\$48,027
Interest - FRC	13	13	1%	2,053
Interest - Self-Insured WC Fund	56	363	-	850
Interest - Bank of Marin Project Fund	0	1,448	-	21,394
Rents & Leases	0	5,464	-	5,305
Tax Proceeds - OL-2 G.O. Bond	0	2	-	8
Tax Proceeds - PR-2 Tax Allocation	2,630	57,675	101%	55,941
Other Non-Operating Revenue	72	73	-	3
NON-OPERATING REVENUE	\$2,599	\$71,825	106%	\$133,580
NON-OPERATING EXPENSE				
Bank of Marin Loan Interest Expense	\$1,750	\$21,931	100%	\$23,631
Other Non-Operating Expense	0	782	-	704
NON-OPERATING EXPENSE	\$1,750	\$22,714	103%	\$24,335
NET INCOME/(LOSS)	(\$29,979)	\$37,773	18%	\$322,468
BEGINNING FUND EQUITY				
NET INCOME/(LOSS)	(29,979)	37,773		322,468
CONTRIBUTED CAPITAL				
Gallagher Ranch Streambank Grant	0	0	-	336,398
Developer 'In-Kind' Contributions	830	830	-	0
Connection Fees	0	0	-	0
ENDING FUND EQUITY		\$7,383,434		\$7,344,831

**OCEANA MARIN SEWER
DETAIL INCOME STATEMENT
FOR THE PERIOD ENDING JUNE 30, 2021**

	JUNE 2021	YEAR TO DATE ACTUAL	YTD/ BUDGET%	PRIOR YTD ACTUAL
OPERATING REVENUE				
Sewer Service Charges	\$24,108	\$276,360	100%	\$264,372
TOTAL OPERATING REVENUE	\$24,108	\$276,360	100%	\$264,372
OPERATING EXPENSE				
SEWAGE COLLECTION				
Supervision & Engineering	\$664	\$33,171	138%	\$26,634
Maps & Records	0	0	-	56
Operating Expense	956	15,625	120%	12,325
Facilities Location	0	3,319	83%	2,006
Maint of Telemetry Equipment	(5,258)	1,028	21%	3,614
Maint of Lift Stations	578	30,846	441%	17,509
Maint of Sewer Mains	0	11,493	383%	0
Electric Power	2,025	18,717	144%	14,082
GASB68 Adjustment (Pension)	0	0	0%	5,759
GASB75 Adjustment (OPEB)	0	0	-	442
SEWAGE COLLECTION	(\$1,036)	\$114,198	136%	\$82,426
SEWAGE TREATMENT				
Supervision & Engineering	\$0	\$256	-	\$0
Operating Expense	4,304	10,876	57%	10,580
Maint of Equipment	0	1,940	22%	4,722
Laboratory Direct Labor	227	3,671	73%	4,107
Lab Expense Distributed from Novato	189	2,094	105%	2,229
Electric Power	1,183	13,579	226%	12,523
GASB68 Adjustment (Pension)	0	0	0%	1,763
GASB75 Adjustment (OPEB)	0	0	-	135
SEWAGE TREATMENT	\$5,904	\$32,416	72%	\$36,060
SEWAGE DISPOSAL				
Operating Expense	\$2,015	\$11,815	98%	\$5,265
Maint of Pump Stations	3,821	8,477	121%	3,352
Maint of Storage Ponds	4,708	6,104	44%	12,314
Maint of Irrigation Field	568	2,083	26%	3,083
GASB68 Adjustment (Pension)	0	0	0%	2,351
GASB75 Adjustment (OPEB)	0	0	-	181
SEWAGE DISPOSAL	\$11,112	\$28,478	63%	\$26,545
CONSUMER ACCOUNTING				
Collection Expense - County of Marin	\$0	\$468	-	\$466
Distributed from Novato (0.6%)	85	1,400	70%	1,696
CONSUMER ACCOUNTING	\$85	\$1,868	93%	\$2,162

**OCEANA MARIN SEWER
DETAIL INCOME STATEMENT
FOR THE PERIOD ENDING JUNE 30, 2021**

	JUNE 2021	YEAR TO DATE ACTUAL	YTD/ BUDGET%	PRIOR YTD ACTUAL
GENERAL AND ADMINISTRATIVE				
Consulting Services/Studies	\$119	\$19,833	40%	\$0
Legal Fees	0	878	-	2,646
Distributed from Novato (1.1%)	1,917	23,786	95%	20,878
Liability Insurance	184	2,154	108%	2,110
GASB68 Adjustment	1,320	15,789	-	13,874
GENERAL AND ADMINISTRATIVE	\$3,540	\$62,440	81%	\$39,509
Depreciation (Note 5)	3,698	44,371	92%	46,048
TOTAL OPERATING EXPENSE	\$23,302	\$283,771	94%	\$232,750
OPERATING INCOME/(LOSS)	\$806	(\$7,411)	30%	\$31,622
NON-OPERATING REVENUE				
Rents & Leases	\$0	\$250	-	\$250
Interest - General Funds	1,228	5,285	176%	10,754
Interest - Self Insured WC Fund	20	129	-	304
Tax Proceeds - OM-1/OM-3 Tax Alloc	2,803	61,465	101%	59,617
Other Non-Operating Revenue	77	77	-	217
NON-OPERATING REVENUE	\$4,128	\$67,206	105%	\$71,141
NON-OPERATING EXPENSE				
Other Non-Operating Expense	0	833	-	901
GASB68 Adjustment	0	0	-	0
NON-OPERATING EXPENSE	\$0	\$833	-	\$901
NET INCOME/(LOSS)	\$4,934	\$58,961	151%	\$101,863
BEGINNING FUND EQUITY		\$1,624,590		\$1,522,727
NET INCOME/(LOSS)	4,934	58,961		101,863
CONTRIBUTED CAPITAL				
Contribution in Aid of Construction	0	0	-	0
Connection Fees	0	0	-	0
FEMA/CAL OES Grant-OM Treatment Pond	0	86,060		0
PRIOR YEAR ADJUSTMENTS (Note 11d)	(68,555)	(68,555)		0
ENDING FUND EQUITY		\$1,701,057		\$1,624,590

**NORTH MARIN WATER DISTRICT
EQUIPMENT EXPENDITURES
PERIOD ENDING JUNE 30, 2021**

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	JUNE 2021	FYTD TOTAL	FY 20/21 BUDGET	(OVER) UNDER	Notes
1 OPERATIONS/MAINTENANCE					
a. Metals Analyzer	\$0	\$61,053	\$85,000	\$23,947	1
b. Meter Maintenance Program	0	0	57,000	57,000	
c. Steam Scrubber and Glassware Washer Rack	0	9,696	0	(9,696)	
	\$0	\$70,748	\$142,000	\$71,252	
2 VEHICLE & ROLLING EQUIPMENT EXPENDITURES					
a. 5-Yard Dump Truck	\$0	\$0	\$135,000	\$135,000	1
b. 9,000 GVWR Hyd Dump Trailer	0	7,724	11,000	3,276	
c. 14,000 GVWR Tilt Deck Trailer	0	9,352	17,000	7,648	
d. Cart-Away 1 Yard Concrete Mixer	0	26,913	25,000	(1,913)	
	\$0	\$43,989	\$188,000	\$144,011	
TOTAL EQUIPMENT EXPENDITURES	\$0	\$114,737	\$330,000	\$215,263	

Notes:

(1) Replacement item.

**NORTH MARIN WATER DISTRICT
EXPENDITURES BY CATEGORY
FOR PERIOD ENDING JUNE 30, 2021**

OPERATING EXPENSE		Novato	Recycled	West Marin	Oceana Marin	YTD Total	Annual Budget	YTD Budget %	Prior YTD Actual	% Change
1	Salaries & Benefits	\$5,732,150	\$88,471	\$355,323	\$71,012	\$6,246,956	\$6,360,000	98%	\$6,303,003	-0 %
2	Water Purchases	7,278,894	327,420	0	0	7,606,314	5,985,000	127%	6,978,395	9 %
3	Depreciation	2,798,092	786,073	199,315	44,371	3,827,851	3,777,000	101%	3,366,216	13 %
4	Materials, Services & Supplies	2,917,336	245,393	123,621	68,595	3,354,945	2,093,000	160%	2,112,137	58 %
5	Consulting Services/Studies	115,503	0	40,693	19,833	176,029	145,000	121%	145,440	21 %
6	Chemicals	91,248	2,595	2,372	0	96,215	484,000	20%	509,744	-81 %
7	Electric Power	604,193	5,687	65,542	28,306	703,729	513,000	137%	588,788	19 %
8	Vehicles and Equipment (Distrib)	207,640	3,426	17,769	4,540	233,374	325,000	72%	232,250	0 %
9	Tools & Supplies (Distrib)	250,452	5,714	24,206	3,985	284,357	180,000	158%	296,979	-4 %
10	Retiree Medical Expenses	209,174	0	0	0	209,174	172,000	122%	186,221	12 %
11	Water Conservation Rebates	26,178	0	250	0	26,428	104,000	25%	24,589	7 %
12	Insurance & Claims	145,870	0	0	2,154	148,024	173,000	86%	112,049	32 %
13	Office Supplies & Postage	100,472	0	0	0	100,472	102,000	99%	81,853	22 %
14	GASB 68 Adjustments	1,345,781	11,063	59,158	15,789	1,431,792	0	-	2,550,189	-
15	Overhead Charges (Gain)/Loss	(104,715)	0	0	0	(104,715)	(39,000)	269%	(322,446)	-67 %
16	Distributed Costs (Lab,G&A,ConsAcctg)	(545,965)	62,135	105,061	25,185	(353,583)	(374,000)	95%	(392,038)	-9 %
17	Total Operating Expense	\$21,172,303	\$1,537,978	\$993,309	\$283,771	\$23,987,361	\$20,000,000	120%	\$22,773,370	5 %
18	Interest Expense & Other	454,162	262,505	22,714	833	740,214	870,000	85%	800,080	-7 %
22 19	Total Expense	\$21,626,466	\$1,800,483	\$1,016,023	\$284,604	\$24,727,575	\$20,870,000	118%	\$23,573,450	4 %
<u>Warehouse, Shop & Yard</u>										
20	Salaries & Benefits	\$199,998	\$0	\$0	\$0	\$199,998	\$277,000	72%	\$207,377	-3 %
21	Materials, Services & Supplies	343,258	0	0	0	343,258	341,000	101%	\$283,381	21 %
22	Depreciation	51,668	0	0	0	51,668	0	0%	\$154,770	-66 %
23	Distributed Costs	(594,924)	0	0	0	(594,924)	(618,000)	96%	(645,529)	-7 %
24	Total W/H, Shop & Yard	\$0	\$0	\$0	\$0	\$0	\$0	-	\$0	-
<u>District Capital Outlay</u>										
25	Salaries & Benefits	\$350,936	\$0	\$102,119	\$7,620	\$460,674	\$645,000	71%	\$448,868	2 %
26	Equipment Expenditures	397,144	0	0	0	397,144	355,000	112%	285,105	39 %
27	Debt Principal Payments	1,176,075	760,536	48,827	0	1,985,438	2,279,000	87%	1,854,083	7 %
28	Materials, Services & Supplies	1,482,243	0	1,408,677	29,633	2,920,554	6,418,000	46%	2,681,143	8 %
29	Total District Capital Outlay	\$3,406,398	\$760,536	\$1,559,623	\$37,253	\$5,763,810	\$9,697,000	59%	\$5,269,198	9 %
<u>Developer Funded Projects</u>										
30	Salaries & Benefits	\$237,776	\$0	\$1,278	\$0	\$239,053	\$209,000	114%	\$309,598	-22 %
31	Materials, Services & Supplies	518,006	0	1,084	0	519,090	122,000	425%	569,866	-8 %
32	Total Developer Projects	\$755,782	\$0	\$2,362	\$0	\$758,143	\$331,000	229%	\$879,464	-13 %
33	Total	\$25,788,645	\$2,561,019	\$2,578,007	\$321,858	\$31,249,528	\$30,898,000	101%	\$29,722,111	5 %

**NORTH MARIN WATER DISTRICT
VEHICLE FLEET ANALYSIS
FOR PERIOD ENDING JUNE 30, 2021**

Fiscal Year to Date

Vehicle Cost per Mile

Year	Description	Veh#	Assigned	Mileage	Expense ¹	Recovery ²	Gain/(Loss)	Mileage	Life to Date	FYTD21	FYTD20
1	2002 Chev K1500 4x4	47	Construction	2,955	\$1,389	\$3,017	\$1,628	152,324	\$0.38	\$0.47	\$0.60
2	2003 Dodge Dakota 4x4	49	STP	8,473	\$3,947	\$2,569	(\$1,378)	127,398	\$0.43	\$0.47	\$0.51
3	2004 Chev C1500 Xtra Cab	54	Out of Service	0	\$141	\$0	(\$141)	109,681	\$0.46	\$469.20	\$0.35
4	2007 Chev Colorado	504	Out of Service	0	\$179	\$0	(\$179)	89,496	\$0.42	\$0.00	(\$0.54)
5	2008 Ford F250 4x4	505	Pool	465	\$1,672	\$0	(\$1,672)	107,766	\$0.78	\$3.60	(\$1.86)
6	2008 Ford F250 4x4	506	Pool	702	\$1,489	\$217	(\$1,272)	80,413	\$0.79	\$2.12	(\$2.42)
7	2008 Chev Colorado 4x4	509	Pool	6,362	\$4,013	\$7,872	\$3,859	118,272	\$0.37	\$0.63	\$0.49
8	2010 Ford F150 4x4	511	Bergstrom	7,729	\$3,023	\$3,752	\$729	99,380	\$0.50	\$0.39	\$0.50
9	2010 Ford F150	512	Davenport	8,611	\$2,757	\$5,404	\$2,647	123,489	\$0.49	\$0.32	\$0.76
10	2010 Ford F150	513	Construction	3,584	\$972	\$2,254	\$1,282	91,089	\$0.47	\$0.27	\$0.69
11	2012 Ford F250	515	Reed	7,013	\$3,327	\$8,477	\$5,150	78,247	\$0.61	\$0.47	\$0.67
12	2012 Ford F250	516	Castellucci	10,883	\$5,635	\$10,514	\$4,879	86,496	\$0.55	\$0.52	\$0.74
13	2014 Ford F150	517	Kurfirst	5,509	\$2,580	\$10,197	\$7,617	21,274	\$0.69	\$0.47	\$2.99
14	2015 Ford F250 4x4	518	Ocodhain	7,192	\$2,921	\$6,461	\$3,540	101,529	\$0.43	\$0.41	\$0.62
15	2015 Ford Escape 4X4	520	Arendell	17,976	\$5,763	\$7,938	\$2,175	100,480	\$0.28	\$0.32	\$0.35
16	2015 Ford F150 4X4	521	Watkins/Shop	7,123	\$2,491	\$2,384	(\$107)	51,393	\$0.34	\$0.35	\$0.77
17	2016 Nissan Frontier	522	Roberto	1,476	\$310	\$190	(\$120)	52,200	\$0.38	\$0.21	\$0.42
18	2017 Ford Escape 4X4	523	Lab	4,851	\$1,296	\$2,069	\$772	29,458	\$0.32	\$0.27	\$0.47
19	2016 Nissan Frontier	524	Bynum	8,920	\$3,719	\$9,270	\$5,551	40,024	\$0.44	\$0.42	\$0.54
20	2018 Ford Cargo Van	526	On-Call	9,903	\$2,718	\$1,657	\$5,551	25,821	\$0.49	\$0.27	\$0.34
21	2018 Dodge Ram 2500	527	Rupp	10,594	\$4,806	\$11,568	(\$1,061)	26,058	\$0.67	\$0.45	\$0.62
22	2019 Chev Colorado 4x4	528	Stompe	4,746	\$2,139	\$2,876	\$6,763	13,044	\$0.51	\$0.45	\$0.30
23	2019 NISSAN ROGUE	531	Eng/Wtr Consv	4,963	\$980	\$1,858	\$737	16,088	\$0.33	\$0.20	\$0.37
24	2019 NISSAN ROGUE	532	Out of Service	11,480	\$2,297	\$5,750	\$878	13,282	\$0.27	\$0.20	\$0.63
25	2019 NISSAN FRONTIER	533	Castellucci	8,866	\$2,897	\$11,378	\$3,453	12,851	\$0.36	\$0.33	\$0.30
26	2019 FORD F-150 2WD	534	Grisso	1,257	\$366	\$2,162	\$8,481	2,445	\$0.43	\$0.29	\$0.58
27	2019 FORD F-150 4x4	535	STP	8,653	\$2,682	\$3,335	\$1,795	13,352	\$0.30	\$0.31	\$0.29
28	2020 CHEVROLET COLORADO 2WI	536	Rodriguez	10,265	\$1,985	\$4,400	\$653	10,505	\$0.31	\$0.19	\$5.21
29	2020 FORD F250 4X4	537	Kehoe, Chris	15,954	\$5,124	\$16,821	\$2,415	16,570	\$0.42	\$0.32	\$2.85
30	2020 FORD F250 4X4	538	STP	5,333	\$1,571	\$1,309	\$11,698	5,333	\$0.54	\$0.29	\$0.00
31	2020 FORD F150 2WD	539	Kane	2,300	\$614	\$196	(\$262)	2,300	\$0.00	\$0.00	\$0.00
32	2020 FORD F150 2WD	540	Kauwe	7,327	\$1,978	\$3,131	(\$418)	7,848	\$0.29	\$0.27	\$0.57
33	2021 NISSAN ROGUE	541	Clark	0	\$0	\$56	\$1,153	0	\$0.00	\$0.00	\$0.00
Total 3/4 Ton & Under				211,465	77,783	149,081	76,793	1,825,906	\$0.47	\$0.37	\$0.38
1	1999 Ford F350 W/Svc Body	19	Pool	770	\$644	\$714	\$70	139,144	\$0.00	\$0.84	\$1.57
2	2002 Int'l 5 Yd Dump	44	Construction	5,008	\$6,373	\$19,803	\$13,430	114,123	\$1.75	\$1.27	\$2.11
3	1999 Ford F550 3-Yd Dump °	52	Out of service	281	\$663	\$364	\$7,422	98,786	\$0.00	\$2.36	\$0.00
4	2006 Int'l 4300 Crew	503	Construction/Crew	3,582	\$13,018	\$20,440	\$7,422	52,407	\$2.59	\$3.63	\$2.59
5	2009 Peterbilt 325 Crew	508	Construction/Crew	3,476	\$2,525	\$25,480	\$22,955	42,561	\$2.13	\$0.73	\$14.43
6	2012 Int'l 5 Yd Dump	514	Breit	5,141	\$6,988	\$17,766	\$10,778	49,320	\$1.45	\$1.36	\$0.00
7	2015 Int'l 5 Yd Dump	519	Sjoblom	6,772	\$7,917	\$16,492	\$8,575	47,494	\$1.31	\$1.17	\$20.77
8	2017 Ford F350 4x4	525	Lemos	8,627	\$5,875	\$16,520	\$10,645	43,279	\$0.62	\$0.68	\$0.00
9	2019 FORD F550 3 YD DUMP	530	Construction	4,573	\$3,293	\$15,764	\$12,471	6,831	\$1.19	\$0.72	\$1.77
Total 1 Ton & Over				38,230	\$47,295	\$133,343	\$93,768	593,945	\$1.36	\$0.72	\$5.76

¹ Expense amount shown excludes depreciation (approximately \$81,000 for FY21).

² Recovery is the amount charged to projects and operations to recover the expense of owning and operating the vehicle. Commencing 7/1/17 the recovery rate for vehicles 3/4-ton and under is

\$7/hr and the recovery rate for vehicles 1-ton and over is \$14/hr. An additional 50% is charged to developer projects to reflect the fair market value of the vehicle being used.

³ Purchased used in 2004 with 32,500 miles. Mileage shown is total incurred since District purchase.

**NORTH MARIN WATER DISTRICT
WATER CONSERVATION PROGRAM DETAIL
PERIOD ENDING JUNE 30, 2021**

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Description		COST THRU JUNE 2020	JUNE 2021	FYTD TOTAL	FY 20/21 BUDGET	(OVER) UNDER	TOTAL COST		
NOVATO									
a. Residential									
1-7700-01	1-7700-26	1	Cash for Grass	\$436,415	\$3,313	\$17,745	\$35,000	\$17,255	\$454,159
1-7700-02	1-7700-27	2	Landscape Efficiency Rebates	24,907	1,610	2,320	5,000	2,680	27,227
1-7700-03		3	Fixtures Purchases	53,519	0	0	5,000	5,000	53,519
1-7700-06	1-7700-28	4	Washing Machine Rebates	351,148	578	3,648	5,000	1,352	354,796
1-7700-07		5	Demonstration Garden Improvements	55,105	0	0	1,000	1,000	55,105
1-7700-11	1-7700-29	6	Toilet Rebate SF	1,019,555	1,636	19,635	18,000	(1,635)	1,039,189
1-7700-12	1-7700-30	7	Toilet Rebate MF	18,507	323	388	2,000	1,612	18,896
1-7700-13		8	Residential Audits	474,729	505	8,314	65,000	56,686	483,043
1-7700-15		9	High Efficiency Toilet Distribution	242,177	0	20	0	(20)	242,197
1-7700-16		10	Water Waste Ordinance Monitoring	92,739	2,802	9,678	7,000	(2,678)	102,417
1-7700-17	1-7700-31	11	Swimming Pool Cover Rebate	3,547	1,738	2,135	1,000	(1,135)	5,682
1-7700-19	1-7700-32	12	ET Controller Rebate	41,010	693	8,456	5,000	(3,456)	49,466
1-7700-08		13	Administration	1,650,751	10,123	101,210	130,000	28,790	1,751,961
1-7700-20		14	New Development Wtr Cons Program	116,121	709	12,764	15,000	2,236	128,886
1-7700-21	1-7700-33	15	Demand Offset Rebate Program	3,843	0	0	2,000	2,000	3,843
1-7700-23		16	Grant Administration	3,300	0	0	1,000	1,000	3,300
1-7700-24	1-7700-34	17	Hot Water Recirculation Rebate	2,491	100	425	2,000	1,575	2,916
1-7700-25		18	Residential Fill Station	66,421	0	0	0	0	66,421
1-7700-35		19	UWMP	0	851	16,449	0	(16,449)	16,449
b. Commercial									
1-7701-02	1-7701-05	1	Toilet Rebate Program	67,561	0	0	10,000	10,000	67,561
1-7701-03	1-7701-04	2	Commercial Audits	35,572	425	3,579	9,000	5,421	39,151
c. Public Outreach/Information									
1-8672-16		1	Fall Newsletter	89,458	0	11,497	8,000	(3,497)	100,955
1-8672-17		2	Spring Newsletter	103,959	142	11,860	9,000	(2,860)	115,819
1-8672-18		3	Summer Newsletter	20,290	0	0	0	0	20,290
1-7700-04		4	Public Outreach / H ₂ O Fair	236,197	15,828	86,944	17,000	(69,944)	323,141
1-7700-05		5	Marketing	172,908	0	1,691	15,000	13,309	174,598
1-7700-22		6	Public Outreach/Leadership Novato	11,327	0	0	0	0	11,327
d. Large Landscape									
1-8653-02		1	Large Landscape Audits	91,788	0	284	3,000	2,716	92,072
1-7702-01		2	Large Landscape Budgets	40,123	255	1,216	1,000	(216)	41,339
1-7702-02	1-7702-04	3	Large Landscape Irrig Efficiency Rebates	14,960	0	0	4,000	4,000	14,960
1-8653-01		4	CIMIS Station Maintenance	19,760	0	62	2,000	1,938	19,822
1-7702-03		5	Administration-Large Landscape	103,892	567	8,567	13,000	4,433	112,458
TOTAL NOVATO WATER CONSERVATION				\$5,664,080	\$42,198	\$328,887	\$390,000	\$61,113	\$5,992,967
WEST MARIN WATER									
2-5166-00		a.	Water Conservation Program	\$117,535	\$9,215	\$41,927	\$9,000	(\$32,927)	\$159,461
TOTAL WATER CONSERVATION EXPENDITURES				\$117,535	\$9,215	\$41,927	\$9,000	(\$32,927)	\$159,461

**NORTH MARIN WATER DISTRICT
CAPITAL IMPROVEMENT PROJECTS
PERIOD ENDING JUNE 30, 2021**

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Description		COST THRU JUNE 2020	JUNE 2021	FYTD TOTAL	FY 20/21 BUDGET	(OVER)/UNDER BUDGET	TOTAL COST
1 PIPELINE REPLACEMENTS/ADDITIONS							
a. Main/Pipeline Replacements							
1-7189-00	1 Replace 12" CI Pipe (785LF) S. Novato Blvd	\$0	\$0	\$0	\$100,000	\$100,000	\$0
1-7183-xx	2 Replace Plastic thin Walled Pipe < 4-inch	0	0	0	150,000	150,000	0
1-7183-00	3 Replace Plastic thin Walled Pipe-Scown	15,329	0	149,003	0	(149,003)	164,332
1-7183-01	4 Replace Plastic thin Walled Pipe-Wilson	0	0	16,307	0	(16,307)	16,307
1-7183-03	5 Replace Plastic thin Walled Pipe -Glen Rd & Vonderworth	0	0	2,092	0	(2,092)	2,092
1-7186-00	6 Replace CI Pipe-Grant Ave	5,665	52,937	209,903	0	(209,903)	215,568
1-7193-00	7 Replace 6" ACP Pipe (810') Glen Rd	0	192,247	228,705	0	(228,705)	228,705
1-7194-00	8 Redwood Blvd Pipe Lowering	0	0	10,507	0	(10,507)	10,507
1-7195-00	9 Novato Blvd Widening Diablo to Grant	0	492	14,258	0	(14,258)	14,258
1-7197-00	10 Replace 16" CI Pipe-Center Rd	0	0	0	0	0	0
	11 Other Main Replacements (60+ years old)	0	0	0	200,000	200,000	0
b. Main/Pipeline Additions							
1-7150-00	1 San Mateo Inlet/Outlet Pipe (2,200')	137,340	2,808	82,300	910,000	827,700	219,640
1-7191-00	2 Loop South/North Zone 2-Indian Valley Campus	0	0	8,612	0	(8,612)	8,612
	3 Other Main/Pipeline Additions	0			150,000		
c. PB Service Line Replacements							
1-7139-xx	1 Repl PB in Sync w/City Paving (30 Svcs)	0	0	0	70,000	70,000	0
1-7123-xx	2 Other PB Replacements (80 Svcs)	0	0	0	80,000	80,000	0
1-7123-28	3 Repl PB-San Ramon/Vivian/Verismo (47)	0	0	82,276	0	(82,276)	82,276
1-7123-29	4 Repl PB-Vineyard/San Joaquin/Wilson/Brooke	0	1,184	44,198	0	(44,198)	44,198
1-7139-23	5 Repl PB-San Marin Dr/Ignacio Blvd	0	0	80,098	0	(80,098)	80,098
d. Copper Service Line Replacements							
1-7196-00	1 Copper Repl-1/2/5/6/9/10 Ganey Ct	0	19,340	45,712	0	(45,712)	45,712
e. Relocations to Sync w/City & County CIP							
1-8737-xx	1 Other Relocations	0	0	0	70,000	70,000	0
TOTAL PIPELINE REPLACEMENTS/ADDITIONS		\$158,334	\$269,009	\$973,972	\$1,730,000	\$606,028	\$1,132,306
f. Aqueduct Replacements & Enhancements							
1-7118-02	1 MSN B2-Utility Agreement Costs ¹	\$118,247	\$2,205	\$10,733	\$0	(\$10,733)	\$128,979
1-7118-11	2 AEEP Post Construction Costs	19,507	0	2,160	0	(2,160)	21,667
		\$137,753	\$2,205	\$12,893	\$0	(\$12,893)	\$150,646
2 SYSTEM IMPROVEMENTS							
1-7007-14	a. Detector Check Assembly Repair/Repl (~14/yr)	\$0	\$395	\$87,653	\$100,000	\$12,347	\$87,653
1-7090-04	b. Anode Installations (150/yr)	264	0	0	10,000	10,000	264
1-7178-00	c. Asset Management Software Procurement/Implementation	276,168	0	6,239	0	(6,239)	282,407
1-7136-00	d. Facilities Security Enhancements	68,635	0	0	25,000	25,000	68,635
1-7190-00	e. San Marin Aqueduct Valve Pit (STP to Zone 2)	0	0	0	110,000	110,000	0
1-7188-00	f. Watershed Property-Vineyard Fence	0	0	35,453	0	(35,453)	35,453
1-6302-21	g. Rehab Black Pt Pressure Regulating Station	0	15,951	18,714	0	(18,714)	18,714
1-6313-20	h. Rehab Harbor Dr pressure Regulating Station	0	0	0	0	0	0
TOTAL SYSTEM IMPROVEMENTS		\$345,067	\$16,346	\$148,059	\$245,000	\$96,941	\$493,126

**NORTH MARIN WATER DISTRICT
CAPITAL IMPROVEMENT PROJECTS
PERIOD ENDING JUNE 30, 2021**

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Description	COST THRU JUNE 2020	JUNE 2021	FYTD TOTAL	FY 20/21 BUDGET	(OVER)/UNDER BUDGET	TOTAL COST
3 BUILDINGS, YARD, & S.T.P. IMPROVEMENTS						
a. Administration Building						
1-6501-44 1 Office/Yard Building Renovation	\$109,936	\$147,693	\$319,564	\$1,000,000	\$680,436	\$429,500
b. Corp Yard/Warehouse/Construction Office						
1-6502-47 1 Other Yard Improvements	173	0	(173)	0	173	0
c. Stafford Treatment Plant						
1-6600-96 1 Leveroni Creek Embankment Repair	45,724	4,500	5,520	192,000	186,480	51,244
1-6600-xx 2 Other Treatment Plant Improvements	0	0	0	100,000	100,000	0
1-6600-97 3 Efficiency Improvements	0	0	0	100,000	100,000	0
1-6600-92 4 STP-Chemical System Upgrades	68,996	0	0	75,000	75,000	68,996
1-6600-34 5 STP-High Service Pump #3 Replacement	15,803	2,142	2,142	20,000	17,858	17,945
1-6600-83 6 Filter Underdrain/Media R&R	0	0	12,002	20,000	7,998	12,002
1-6600-40 7 STP-Upgr Plant Water Booster Pump Station	0	0	4,814	0	(4,814)	4,814
1-6600-39 8 STP-Replace Chlorine Control System	10,787	0	0	0	0	10,787
1-6600-72 9 STP-Discharge/Treatment	0	0	358	0	(358)	358
1-6600-87 10 STP-Coat Top of Concrete Clearwells	0	6,614	145,606	0	(145,606)	145,606
1-6600-88 11 STP-Lake Aeration Expansion	0	9,498	40,903	0	(40,903)	40,903
TOTAL BUILDING, YARD, & STP IMPROVEMENTS	\$251,419	170,447	\$530,736	\$1,507,000	\$976,264	\$782,155
4 STORAGE TANKS & PUMP STATIONS						
a. Tank Construction						
1-6207-20 1 Old Ranch Rd Tank Replacement	\$142,752	\$7,126	\$135,732	\$500,000	\$364,268	\$278,484
b. Tank Rehabilitation						
1-7170-00 1 Hydro pneumatic Tank Repairs	15,145	3,600	5,260	30,000	24,740	20,405
1-6112-24 c. Lynwood Pump Station Motor Control Center	150,067	0	220	400,000	399,780	150,287
1-6141-00 d. Crest P.S.(Design/Const)/Reloc School Rd P.S.	226,865	7,750	26,307	550,000	523,693	253,172
e. Other Tank & PS Improvements	0	0	0	25,000	25,000	0
TOTAL STORAGE TANKS & PUMP STATIONS	\$534,828	\$18,476	\$167,519	\$1,505,000	\$1,337,481	\$702,347
5 RECYCLED WATER						
a. Other Recycled Water Expenditures	\$0	\$0	\$0	\$100,000	\$100,000	\$0
TOTAL RECYCLED WATER	\$0	\$0	\$0	\$100,000	\$100,000	\$0
6 WEST MARIN WATER SYSTEM						
2-6263-20 a. Replace PRE Tank #4A (25K Gal w/125K Gal)	\$578,764	\$2,126	\$813,080	\$1,000,000	\$186,920	\$1,391,844
2-6609-20 b. New Gallagher Well #2	82,616	46,102	282,151	75,000	(207,151)	364,766
2-8829-00 c. PB Replace in Sync w/County Paving	1,455	0	0	50,000	50,000	1,455
2-7185-00 d. Gallagher Ranch Streambank Stabilization ²	386,826	0	335,832	260,000	(75,832)	722,658
2-8912-00 e. Lagunitas Bridge Pipeline Replacement	32,357	0	846	100,000	99,154	33,203
2-7123-27 f. PB Replace-SR1 PT Reyes Caltrans	75,876	708	39,557	0	(39,557)	115,432
2-6130-23 g. Olema PS Wireless to Tank	8,468	0	168	0	(168)	8,636
4-6133-20 h. PRE P.S. #2 Pumping Equipment	0	0	8,361	0	(8,361)	8,361
2-7192-00 i. Repl PRE 2" Galvanized Pipe-Balboa, Drakes View, Baywood	0	0	5,363	0	(5,363)	5,363
2-7183-02 j. Repl Thin Walled Pipe < 4"-Blackberry Ln	0	0	2,796	0	(2,796)	2,796
2-6602-24 k. Well #2 Rehab	0	0	22,643	0	(22,643)	22,643
TOTAL WEST MARIN WATER SYSTEM	\$1,166,360	\$48,936	\$1,510,796	\$1,485,000	(\$25,796)	\$2,677,156
7 OCEANA MARIN SEWER SYSTEM						
8-8672-28 a. Infiltration Repair (Manhole Relining)	\$77,813	\$0	\$3,950	\$40,000	\$36,050	\$81,763
8-7085-05 b. Tahiti Way Lift Pump Replacement	9,489	0	0	25,000	25,000	9,489
8-7173-00 c. OM Treatment Pond Rehab-404 Grant-FEMA ³	157,227	773	33,303	225,000	191,697	190,530
8-7173-01 d. OM Treatment Pond Rehab-404 Grant-FEMA-Mgmt Costs ³	0	0	0	0	0	0
TOTAL OCEANA MARIN SEWER SYSTEM	\$244,529	\$773	\$37,253	\$290,000	\$252,747	\$281,782
TOTAL PROJECT EXPENDITURES	\$2,838,290	\$526,192	\$3,381,228	\$6,862,000	\$3,330,772	\$6,219,519

**NORTH MARIN WATER DISTRICT
CAPITAL IMPROVEMENT PROJECTS
PERIOD ENDING JUNE 30, 2021**

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Description	COST THRU JUNE 2020	JUNE 2021	FYTD TOTAL	FY 20/21 BUDGET	(OVER)/UNDER BUDGET	TOTAL COST
8 LESS FUNDED BY GRANTS, LOANS & REIMBURSEMENTS						
<u>(Accrued)/Deferred</u>						
a. MSN Aqueduct Caltrans Reimb-Segment B2 ¹	(\$26,372)	\$0	(\$6,690)	\$0	\$6,690	(\$33,062)
b. Gallagher Ranch Streambank Stabilization ²	0	0	75,566	(385,000)		
c. OM Treatment Pond Rehab-404 Grant-FEMA ³	0	(579)	61,082	(225,000)		
FUNDING BY OTHERS (ACCRUED)/DEFERRED	(\$26,372)	(\$579)	\$129,958	(\$610,000)	\$6,690	(\$33,062)
<u>Received</u>						
a. MSN Aqueduct Caltrans Reimb-Segment B2 ¹	(\$116,642)	\$0	(\$4,042)	\$0	\$4,042	(\$120,684)
b. Gallagher Ranch Streambank Stabilization ²	0	0	(411,398)	(385,000)	\$26,398	(\$411,398)
c. OM Treatment Pond Rehab-404 Grant-FEMA ³	0	0	(86,060)	(225,000)	(\$138,940)	(\$86,060)
FUNDING BY OTHERS RECEIVED	(\$116,642)	\$0	(\$501,500)	(\$610,000)	(\$1,228,142)	(\$618,142)
NET PROJECT EXPENDITURES	\$2,695,277	\$525,613	\$3,009,686	\$5,642,000	\$2,109,320	\$5,568,315

CIP SUMMARY-GROSS EXPENDITURES:	Current Month	FYTD Total	FY 20/21 Budget	FYTD/ Budget%
Novato Water Capital Projects	\$476,484	\$1,833,179	\$4,987,000	37%
Novato Recycled Water Capital Projects	0	0	100,000	0%
West Marin Water Capital Projects	48,936	1,510,796	1,485,000	102%
Oceana Marin Sewer Capital Projects	773	37,253	290,000	13%
Gross Capital Improvement Project Outlays	\$526,192	\$3,381,228	\$6,862,000	49%

CIP SUMMARY-NET EXPENDITURES:	Current Month	FYTD Total	FY 20/21 Budget	FYTD/ Budget%
Novato Water Capital Projects	\$476,484	\$1,829,137	\$4,987,000	37%
Novato Recycled Water Capital Projects	0	0	100,000	0%
West Marin Water Capital Projects	48,936	1,174,964	1,100,000	107%
Oceana Marin Sewer Capital Projects	773	12,276	65,000	19%
Net Capital Improvement Project Outlays	\$526,192	\$3,016,377	\$6,252,000	48%

Notes to Capital Improvement Projects Schedule:

- (1) Funding provided 100% by Caltrans.
- (2) Gallagher Ranch Streambank Stabilization-\$411,398 funded by others (\$336,398K NRCS, \$42,500K MALT, \$25K MMWD, \$7,500 Gallagher Family Trust)
- (3) OM Treatment Pond Rehab-Project to be funded at 75% by grants. Eligible project costs are budgeted at \$2.2M (75%=\$1.425M). Also includes loans for capital projects of \$250K in FY22.

CONSULTING SERVICES/STUDIES							
1-4055-00	a. Stafford Lake Sanitary Survey	\$26,396	\$0	\$17,041	\$0	(\$17,041)	\$43,437
1-4057-00	b. Local Water Supply Enhancement Study	0	0	0	25,000	25,000	0
1-4077-00	c. Potter Valley Project FERC Relicensing	12,071	518	6,570	10,000	3,430	18,641
1-7140-00	d. Dam Safety Emergency Action Plan	96,878	0	3,433	10,000	6,567	100,311
1-7140-01	e. Stafford Dam EAP & Inundation Mapping Updates	14,367	686	6,328	10,000	3,672	20,695
1-4050-01	f. Urban Water Management Plan	17,053	10,602	73,253	50,000	(23,253)	90,305
1-6501-43	g. Electronic Document Management System	4,427	0	0	60,000	60,000	4,427
8-4080-00	h. Oceana Marin Sewer System Management Plan	0	119	19,833	50,000	30,167	19,833
	i. Stafford Lake Sediment Survey	0	0	0	60,000	60,000	0
2-4082-00	j. West Marin Water Rate Study	0	1,050	40,693	35,000	(5,693)	40,693
	k. Design Report (Eagle Dr & Hayden Hydro-P System Upgrade)	0	0	0	20,000	20,000	0
1-4078-00	l. COVID Impacts-Safety	6,303	0	109	0	(109)	6,412
1-4079-00	m. COVID Impacts-Bldg Maintenance	0	0	13,177	0	(13,177)	13,177
1-4084-00	n. MMWD Kastania Pump Station Eng & Ops	0	585	585	0	(585)	585
		\$177,494	\$13,559	\$181,022	\$330,000	\$148,978	\$358,515

North Marin Water District Financial Statement Notes

Note 1 - Restricted Cash

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

Bank of Marin Project Fund: The District received an \$8 million loan from the Bank of Marin in October 2011 to fund the Aqueduct Energy Efficiency Project. The 20-year, 3.54% annual percentage rate loan requires monthly payments of \$46,067 and will be fully amortized on 10/27/2031. In June 2012 the Board authorized reallocating \$1 million of this loan to West Marin Water to repay Novato Water \$223,000 owed for previous loans to fund Long Range Improvement Projects and the remainder to fund the Solids Handling Facility at the Point Reyes Water Treatment Plant. The unexpended fund balance accrues interest monthly. The West Marin Fund was depleted in November 2020 and the Novato Fund was depleted in January 2021.

Deer Island RWF Replacement Fund: The State Revolving Fund (SRF) loan agreement required the District to agree to establish and maintain a Water Recycling Capital Reserve Fund (WRCRF) for the expansion, major repair, or replacement of the Deer Island Recycled Water Treatment Plant. The WRCRF is maintained in compliance with the "Policy for Implementing the State Revolving fund for Construction of Wastewater Treatment Facilities" in effect at the time the agreement was signed by the District. The September 2003 Recycled Water Master Plan prepared by Nute Engineering recommended limiting the reserve to fund replacement of the RWF electrical and mechanical equipment (including transmission pumps) as they wear out. The cost of said equipment was \$1,483,000 which, at Nute's recommended 6% interest rate factor and 25-year life, renders an annual funding requirement \$115,000. The fund balance accrues interest monthly.

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

Tax Receipts held in Marin County Treasury: Balance of tax proceeds collected and disbursed by the County of Marin for repayment of the Olema (OL-2) general obligation bond debt. The County credits interest to these funds quarterly.

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

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

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

Note 2 - Designated Cash

Liability Contingency Fund: Established in 1986 when the District first elected to self-insure its general liability risk. This reserve was funded with \$1 million initially and \$200,000 annually thereafter until it reached a balance of \$2 million. In FY98 the West Marin Water System was included in the fund and built-up a proportional reserve of \$74,000 over several years. Commencing FY93, \$1 million of the reserve was made available to fund loans to eligible employees under the District's Employer Assisted Housing Program. In August 2008, \$500,000 was transferred into this reserve from the Self-Insured Workers' Compensation Fund and made available to fund Employer Assisted Housing Program loans. Currently there is \$525,000 in Employer Assisted Housing Loans outstanding (see Note 3). In March 2005, \$652,400 was expended from the fund to purchase a home at 25 Giacomini Road in Point Reyes Station. The home is currently rented. In 2006, \$8,885 was added from the sale of surplus property in West Marin. The fund balance does not accrue interest.

Workers' Compensation Fund: Commencing July 2019, the District switched from self-insuring its workers' compensation liability to 1st dollar workers' compensation insurance with Zenith Insurance Company. The premium for 1st dollar insurance is higher than staying with the SIR plan, but the risk of \$1M out of pocket costs is eliminated.

Retiree Medical Benefits Fund: NMWD pays the cost of health insurance for retirees between the ages of 55 and 65 and spouse under any group plan offered by CalPERS. The retiree must be at least 55 and have a minimum of 12 years (for employees hired on or before September 30, 2018) and a minimum of 20 years (for employees hired after September 30, 2018) of NMWD service at the date of retirement. NMWD's contribution toward the chosen plan is capped in the same manner as all other NMWD employees in the same class. Coverage terminates for the spouse when the spouse becomes eligible for Medicare, or for both the retiree and spouse when the retiree becomes eligible for Medicare. When the retiree or spouse becomes eligible for Medicare, NMWD pays up to the couple annuitant rate, which is capped at \$3,830 per year (\$319/month). In August 2003, NMWD transferred \$2.55 million (\$2.3 million for current retirees plus \$250,000 for future retirees) from unrestricted cash into a reserve to fund this obligation. In 2010 the Board directed staff to add \$1,500 per employee annually as a payroll overhead to accrue and accelerate amortization of this liability. The accrual is maintained as a Long-Term Liability entitled Total OPEB Liability. In 2020 an Actuarial Analysis calculated NMWD's total actuarial liability at \$4.7 million. The Retiree Medical Benefits cash fund earns interest monthly.

Maintenance Accrual Fund: Established in FY91 to provide a source of maintenance money for replacement of treatment, storage, transmission and distribution facilities as they wear out. The annual contribution from operating reserves was initially \$200,000. Net polybutylene claim settlement proceeds of \$671,060 were closed into the fund in FY93. In FY94 the annual contribution was reduced to \$100,000. The District's goal is to build a reserve equal to 10% of the net book value of Novato's existing plant, currently \$7.0M. Funds are borrowed from the Maintenance Accrual Fund to offset the shortfall in unrestricted Cash & Investments. The fund balance does not accrue interest.

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

Note 3 – Employee Loans

Housing Loans: The District’s Employer Assisted Housing Program allows up to \$300,000 to be loaned to an employee for a period of up to 15 years for the purchase of a home within the District service territory that will enable the employee to respond rapidly to emergencies affecting the operation of the District. Repayment is due upon sale, termination of employment, or other event as described in the Program. Interest on the loan is contingent upon and directly proportional to the appreciation in value occurring on the purchased property. There are two employee-housing loans currently outstanding totaling \$525,000: a \$250,000 loan dated March 2015, and a \$275,000 loan dated June 2018.

Note 4 – Other Long Term Receivables

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

Note 5 – Depreciation

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

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

Note 6 - Capitalization Policy

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

Note 7 – Bond & Loan Servicing Schedule for Fiscal Year 2020-2021

Service Area	Description	Issue Date	Rate	Original Amount	Payment Due	Final Pmt	FY21		6/30/21 Outstanding Balance
							Interest Expense	Principal Paid	
1 Novato	SRF Loan - STP	2004	2.39%	\$16,528,850	7/1 & 1/1	7/1/29	\$196,033	\$848,442	\$7,564,614
2 Novato	Bank Loan Marin	2011	3.54%	\$7,000,000	27 th /mo	10/27/31	\$149,511	\$332,531	\$4,191,417
3 Novato	Chase Bank Loan	2018	2.69%	\$4,600,000	3/1 & 9/1	3/1/33	\$110,290	\$270,000	\$3,830,000
Novato Total							\$455,834	\$1,450,973,	\$15,586,031
4 RW TP	SRF Loan	2006	2.4%	\$4,302,560	6/20	6/19/27	\$41,816	\$231,551	\$1,510,788
5 RW North	SRF Loans (4)	2013	2.6%	\$4,375,605	Varies	Varies	\$76,891	\$205,002	\$2,752,334
6 RW South	SRF Loans (3)	2013	2.2%	\$5,361,952	Varies	Varies	\$83,532	\$248,874	\$3,548,055
7 RW Central	SRF Loan	2016	1.0%	\$7,130,503	12/19	12/31/47	\$67,058	\$208,715	\$6,497,101
Recycled Water Total							\$269,297	\$894,142	\$14,308,278
8 WM Water	Bank Loan Marin	2012	3.54%	\$1,000,000	27 th /mo	10/27/31	\$21,946	\$48,812	\$614,949
West Marin Water Total							\$21,946	\$48,812	\$614,949
FY21 Total							\$747,077	\$2,393,927	\$30,509,258

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

5. In July 2011 the California State Department of Water Resources approved a series of four 2.6% 20-year loans which totaled \$4,375,605 for the Recycled Water North Service Area Expansion Project. The projects were completed on October 31, 2012, and the first payment was made in November of 2012.
6. In March 2012 the California State Department of Water Resources approved a series of three 2.2% 20-year loans totaling \$5,361,952 for the Recycled Water South Service Area Expansion Project. The projects were completed on September 4, 2013, and the first payment was made in December of 2013.
7. In May 2016 the California State Department of Water Resources approved a 1.0% 30-year loan of \$7,130,503 for the Recycled Water Central Service Area Expansion. The project will be completed in December 2017, and the first payment was made December 31, 2018.
8. In June 2012 the Board authorized reallocating \$1 million of the Bank of Marin loan to West Marin Water to repay Novato Water \$223,000 owed for loans to fund Long Range Improvement Projects and the remainder to fund the Solids Handling Facility at the Point Reyes Water Treatment Plant. See note to loan 2 above.

Note 8 – Unemployment Insurance Reserve

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

Note 9 – Payroll Benefits

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

Note 10 - Interest Policy on Inter-District Loans

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

No interest shall be paid by an improvement district on funds borrowed from that improvement district's Board Designated Fund reserves. Interest on loans from the Novato Improvement District shall be paid by the recipient district to the Novato district based upon the outstanding loan balance at the close of the previous accounting period. Interest shall be calculated at the higher of: 1. The weighted average interest rate of Novato improvement district debt (2.76% at 6/30/20); or 2. The average interest rate earned on the District treasury since the close of the previous accounting period; plus \$50 per month.

Note 11 – Budget Augmentations

Note 12 – Prior Period Adjustment

Note 13 – Explanation of Financial Statement Components

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

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

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

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

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

Notes to the Financial Statements (page 28) provide a summary of significant accounting policies and assumptions and other information of value to the financial statement reader.

Other Supplementary Information includes Detail Income Statements presented in accordance with GAAP for each of the four service areas (pages 10, 14, 16, 19). These statements present income and expenditures in close detail for further analysis. Other supplementary schedules of note include the Vehicle Fleet Analysis (page 23), Equipment Expenditures (page 21) and Capital Improvement Project Expenditures (page 25), which show outlays to date, compared with budget authority.

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

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

	Expansion Local Share			SRFRWF Expansion				Transfer		
	North	South	Central	NEWRA	Loan	SRF Loan	BPGL Loan Repayment	CIP	Total	Executed
FY07				\$29,725					\$29,725	
FY08				\$50,478	\$22,795				\$73,273	
FY09				\$150,455	\$22,795				\$173,250	
FY10	\$133,659			\$75,198	\$22,795				\$231,652	\$133,659
FY11				\$133,319	\$22,795				\$156,114	\$1,175,098
FY12	\$233,478	\$265,500		\$115,883	\$22,795				\$637,656	(\$7,088)
FY13				\$315,023	\$22,795	\$464,572			\$802,390	\$1,970,400
FY14	\$236,291	\$723,525	\$4,024	\$63,035	\$22,795	\$500,529			\$1,550,200	\$1,550,200
FY15		\$17,563	(\$4,024)	\$38,283	\$22,795	\$614,299			\$688,916	\$688,916
FY16	\$0	\$0	\$66,729	\$102,842	\$22,795	\$614,299			\$806,664	\$806,664
FY17			\$362,524	\$194,636	\$22,795	\$614,299		\$36,687	\$1,230,940	\$1,230,940
FY18			\$5,071,512	\$38,908	\$22,795	\$614,299			\$5,747,513	\$5,747,513
FY19			(\$2,168,755)	\$6,966	\$22,795	\$890,072			(\$1,248,922)	(\$1,248,922)
FY20			\$5,499	\$0	\$0	\$350,287	(\$1,046,471)	\$1,084	(\$689,600)	(\$689,600)
FY21						\$890,072			\$890,072	\$890,072
	\$603,428	\$1,006,589	\$3,337,509	\$1,314,751	\$273,539	\$5,552,728	\$0	\$37,771	\$12,126,315	\$11,079,843

Note 15 –Debt Service Coverage Ratio

Debt Service Coverage Ratio is the ratio of net income/(loss) plus interest expense, depreciation, and connection fee revenue for the fiscal year to the sum of the fiscal year’s principal and interest payments on the District’s total debt.


	<u>FY17</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>
Net Income/(Loss)	\$597,600	\$1,860,520	\$1,159,000	\$1,830,000	\$849,000
Depreciation	\$3,416,507	\$3,434,069	\$3,528,000	\$3,486,000	\$3,777,000
Interest Expense	\$757,935	\$833,197	\$850,000	\$806,000	\$748,000
Connection Fees	\$1,034,585	\$1,455,400	\$733,000	\$340,000	\$509,000
Total Available For Debt Service	\$5,806,627	\$7,583,186	\$6,270,000	\$6,462,000	\$5,883,000
Annual Debt Service	\$2,527,021	\$2,201,451	\$3,129,000	\$3,139,000	\$3,141,004
Debt Service Coverage Ratio	2.30	3.45	2.01	2.06	1.87

7

MEMORANDUM

To: Board of Directors

August 13, 2021

From: Tony Williams, Assistant GM/Chief Engineer 
Robert Clark, Operations/Maintenance Superintendent

Subj: NMWD Headquarters Upgrade Design Development Overview and Cost

R:\Folders by Job No\6000 jobs\6501.44 NMWD Office_Yard Bidg Renovation\BOD Memos\August 17 2021\Update\BOD Memo NMWD HQ UpgradeDesign_FINAL.docx.docx**RECOMMENDED ACTION:** Information only**FINANCIAL IMPACT:** None at this time.
(Design Services Agreement for \$1,245,000 authorized at 11/17/2020 BOD Meeting; Construction Management Services Agreement for \$179,000 authorized 5/14/21 BOD meeting)

At the April 6, and May 4, 2021 Board meetings, staff provided updates regarding the progress of the NMWD Headquarters Upgrade Project by Noll & Tam Architects (N&T) and the District's Building Committee. The Building Committee currently consists of Robert Clark, Pablo Ramudo, Tony Williams, and Drew McIntyre. In accordance with the project schedule, a Design Development submittal, representing an approximate 60 percent level of design, was completed in July for Phase 1, new laboratory building; and Phase 2, renovation of the existing administration building. The Building Committee and the District's Construction Management consultant team (Consolidated CM) provided review comments to N&T and a series of meetings were held in late July and early August to review and reconcile those comments.

Since the last update to the Board, the Building Committee and Consolidated CM have explored combining Phase 1 and Phase 2 into a single construction phase. This would reduce the overall construction time by approximately 9 months as well as reduce construction cost by approximately \$900,000. Combining the phases will also likely have an overall reduction in soft costs as well (field inspections, CM, etc.). The proposed single phase of construction requires a temporary laboratory facility be in place during construction and until the new laboratory building is ready for occupancy. Discussions with Novato Sanitary District (NSD) have indicated that use of spare capacity at their onsite laboratory facility combined with a temporary trailer for District staff can accommodate many of the required testing and analysis performed by the District. Use of existing outside vendors would make up the remaining needed lab testing. All of the details associated with this temporary laboratory setup are still being finalized.

The Building Committee and Consolidated CM have also conducted a feasibility and cost analysis regarding two options for maintaining a temporary office during construction: 1) use of onsite temporary trailers; or 2) leasing available commercial space. Regardless of the project

phasing, temporary office space is required while the building is being renovated. The onsite temporary trailers would require temporary electrical power, internet service, telephone, water and sewer connections. These utilities would be provided for a commercial space. After consultation with the City of Novato Building Department, a building permit would be required for temporary trailers and ADA accessibility improvements would be required as well as designated parking for the public. Another concern for the trailers is safety: locating them so that they were out of the way of the project's construction activities as well as situated for ease of public access. In addition, there are potential conflicts with existing utility easements on the District property that could limit temporary trailer locations. The table below provides an overview of the analysis performed for the two options:

Comparison Category	Onsite Temporary Trailers	Commercial Space
Cost*	\$3.32/SF	\$2.75/SF
Permitting	Required	Not required
All staff in one location	Yes	No
Temporary Utilities	Required	Not required
Available Parking	Limited	Yes
Public Access	Limited	No issues
Safety	Staff and Public Concerns	No issues
Meeting Space (BOD, etc.)	Limited	Possible

**for onsite trailers, ADA improvements and other permit conditions are not included. Doesn't include temp lab trailer cost.*

The overall cost as well as the comparison of advantages and disadvantages (as listed above), shows the commercial office space leasing option as favorable. The commercial space option could also allow space for the Board to hold meetings, if needed. Initial conversations have begun with Newmark, the managers of the Wood Hollow Office Park located approximately ¾ of a mile north of the District Office on Wood Hollow Drive off Redwood Boulevard.

The Design Development cost estimate for construction (excluding soft costs) of the two Phases, including site improvements is \$12,623,000. This total cost is still higher than the Master Plan Conceptual Cost of approximately \$11 million but represents a series of value engineering efforts to reduce overall cost since the Schematic Design was developed in April 2021. One of the main factors effecting overall cost is the price of certain construction materials such as lumber and steel. The N&T team, the District's Building Committee and the Consolidated CM Team recently met and identified project elements that can be redesigned potentially resulting in lower

construction costs as well as identifying utility work that could be performed by District forces such as water and sewer service connections. In addition, several project elements have been identified that could be included as "Bid Alternates" that would be awarded as part of a base bid only if prices were favorable. The current CIP budget for the project in fiscal year (FY) 2022 through FY 2024 is \$15.5 million and includes all soft costs. Once the construction cost for a combined Phase 1 and 2 is further refined, a total cost estimate (construction plus all soft costs) will be developed to compare to the current 3-year CIP budget.

Key members of the N&T team will be providing a short presentation of the current Design elements, including:

- Public Accessibility to the Building
- Electrical Charging Stations for Vehicles
- Exterior Landscaping and Improvements
- Overall Cost Summary
- Project Schedule

The next phase of the Project is the development of Construction Documents, including plans, technical specifications, and bidding documents, followed by the submission of a Building Permit application with the City of Novato. In addition, the District must perform environmental review pursuant to the California Environmental Quality Act (CEQA) for this proposed project prior to construction. Filing of the appropriate CEQA Notice of Exemption (NOE) will be brought to the Board at a future meeting.



North Marin Water District

Headquarters Upgrade
Design Development Update
August 2021

**NOLL
& TAM**
ARCHITECTS



PHASE 1

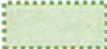


LABORATORY & SITE UTILITIES

PHASE 2

RENOVATE ADMINISTRATION BUILDING
SITE WORK & LANDSCAPING & SITE
PAVING



PHASE 3

FUTURE EXPANSION

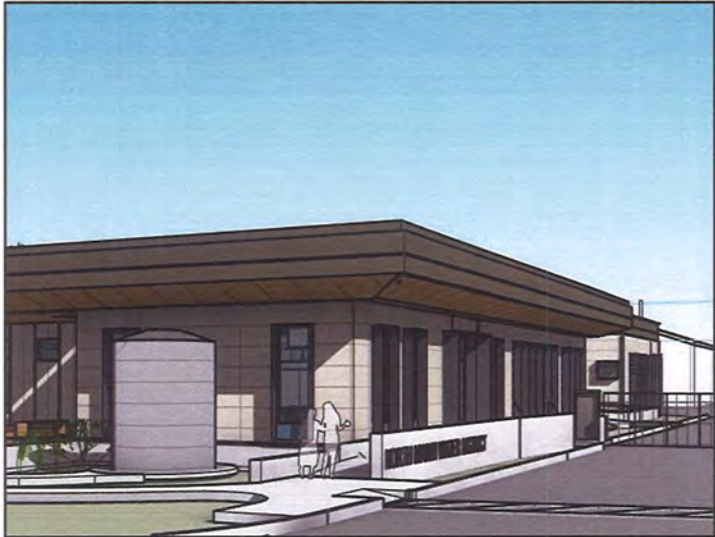
-  SITE WORK
-  PAVING AREA
-  ELECTRICAL SERVICE

DESIGN DEVELOPMENT LANDSCAPE PLAN



-  Water-Efficiency/Pollinator demonstration planting area
-  Non Irrigated Native Seed
-  Dry Shade Pollinator Planting Area
-  Rainwater Capture
-  Outdoor Deck
-  Decomposed Granite
-  Pedestrian Concrete

ENTRY SEQUENCE AND EV CHARGING



VISUALLY PROMINENT RAMP SIGNALS BUILDING ENTRY UPON ARRIVAL

SITE PREPARED WITH INFRASTRUCTURE FOR INSTALLATION OF EV CHARGING AT VISITOR AND EMPLOYEE PARKING; EV CHARGER INSTALLATION AS AN ADD ALTERNATE OR IN A FUTURE PROJECT



DESIGN DEVELOPMENT - 3-D VIEWS



Arrival View from west parking area



Detail of North outdoor space from Rush Creek Place

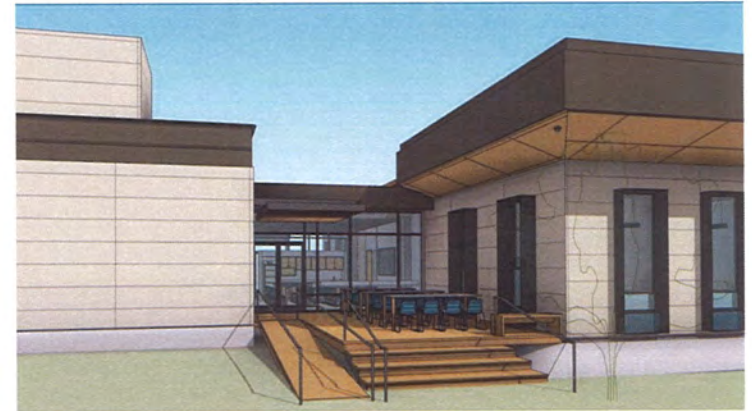
DESIGN DEVELOPMENT - 3-D VIEWS



Detail of Staff Entry between Lab and Admin



South entry into Lab building



Staff deck on east side

PHASE / SCOPE OF PROJECT	SQUARE FEET (APPROX.)	SCHEMATIC PROJECT COST	SQUARE FEET (APPROX.)	DESIGN PROJECT COST
Phase 1 Scope - New Building Addition New Water Quality Laboratory + associated site utilities, Roof penthouse and associated site work	3,470 SF	\$8.1 mil	3,640 SF	\$6.14 mil
Phase 2 Scope - Renovation Administration Building Significant renovation of the existing administration building.	9,678 SF	\$7.8 mil	9,706 SF	\$6.48mil
Total Phase 1 & 2 (concurrent) Project Cost	13,148 SF	\$ 15.9 mil	13,346 SF	\$ 12.62 mil
Phase 3 – Expansion of New Building Addition New office and work space for the Construction group and Operations & Maintenance departments, site work (Anticipated in 2027)	2,600 SF	\$3.7 mil	2,600 SF	\$3.7 mil
Total Phase 3 Project Cost R.O.M.		\$3.7 mil		\$3.7 mil
ADD ALTERNATES				
1. Grind existing pavement & restripe car park				\$94,000
2. Install all vegetated landscaped areas +irrigation				\$164,000
3. Install rainwater cistern				\$44,000

COST SAVINGS AND CONTROL	SAVINGS STRATEGIES
Design	DD phase adjustments to architectural design and materials selections; careful execution of CD's
Phasing	Constructing Phases I and II simultaneously
Contingency	Project holds a 7% contingency for unforeseen developments in CD phase
Sitework	NMWD self performs installation of underground utilities
Grants	Grant funding for generator and water conservation projects
Bidding	Additive alternates for controlling cost at bid time:
Temp Facilities	Shortened construction duration and offsite facilities for temporary office and lab space

PROJECT SCHEDULE UPDATE	Start	End
Scheme Design	January 2021	April 2021
Design Development/Confirm Entitlement Process	May 2021	July 2021
Contract Documents	August 2021	January 2022
City of Novato Permitting	November 2021	February 2022
Project Bid and Contract Award	February 2022	April 2022
Construction Phase 1 + 2 - Duration	April 2022	June 2023
Project Closeout	June 2023	July 2023
Construction Phase 3 – Duration (tentative)	June 2027	March 2028

Questions?

8

MEMORANDUM

To: Board of Directors

From: Robert Clark, Operations/Maintenance Superintendent
Julie Blue, Auditor-Controller *JB*

Subj: STP Solar Power Facility –Status Report (Fiscal Year 2018/19-2020/21)
t:\acl\word\stp solar proj\status rpt - 2021.docx

August 13, 2021

RECOMMENDED ACTION: None**FINANCIAL IMPACT:** Approximately \$10,500 Average Annual Savings

The Stafford Treatment Plant (STP) Solar Power Facility commenced operation on August 9, 2012 at which time staff reported annual production and energy savings based on the net metering year, August through July. In 2018 the District moved to Marin Clean Energy (MCE) as our energy provider and the net metering year was moved to April through March. Each April, MCE will provide an annual true-up report which will be used as the basis for the annual fiscal year report. Note that due to recent CPUC rule changes, both PG&E and MCE will no longer reimburse excess energy at the daily demand rates but rather generation rates which are 40-50 percent of the daily demand rates. This change results in a rebate of about 15¢/kWh versus the 25-45¢/kWh received in previous years. Additionally, an annual cap of \$12,000 for 2021 and \$5,000 for 2022 going forward, has been implemented.

Fiscal Year 2018/19

During 2018/19 the solar facility produced 653,737 kWh of electricity. Under the terms of the Power Purchase Agreement, the District paid 20.3¢/kWh for the solar energy produced. STP produced 556 MG of water which consumed 690,198kWh of electricity. The 36,461kWh differential required more energy to be provided by PG&E at a net cost of \$12,923 (based on the PG&E weighted average daily rate of 35.4¢/kWh). With typical daily solar production, the STP only consumes 35% of the solar power generated during the peak time of the day. The remaining 65% of production is delivered to the PG&E Grid. The operation of the solar facility resulted in a net power savings of the difference between the weighted average daily PG&E rates and the cost of the solar production (35.4¢/kWh – 20.3¢/kWh =15.1¢/kWh). Additional savings was realized for excess energy sold to MCE.

Fiscal Year 2019/20

During 2019/20 the solar facility produced 678,275 kWh of electricity. Under the terms of the Power Purchase Agreement, the District paid 20.9¢/kWh for the solar energy produced. STP produced 686 MG of water which consumed 769,012 kWh of electricity. The 90,737kWh differential required more energy to be provided by PG&E at a net cost of \$33,754 (based on the PG&E weighted average daily rate of 37.2¢/kWh). The operation of the solar facility resulted in a net power savings of the difference between the weighted average daily PG&E rates and the cost of the solar production (37.2¢/kWh - 20.9¢/kWh =16.3¢/kWh). Additional savings was realized for excess energy sold to MCE.

Fiscal Year 2020/21

During 2020/21 the solar facility produced 672,825 kWh of electricity. Under the terms of the Power Purchase Agreement, the District paid 21.5¢/kWh for the solar energy produced. STP produced 211 MG of water which consumed 592,171 kWh of electricity. The differential of 80,654 kWh was provided to PG&E / MCE at a net cost of \$26,535 (based on PGE weighted average daily rate of 32.9¢/kWh). The operation of the solar facility resulted in a net power savings of the difference between the weighted average daily PG&E rates and the cost of the solar production (32.9¢/kWh – 21.5¢/kWh = 11.4¢/kWh). Additional savings was realized for excess energy sold to MCE.

Additional Information

REC Solar, the contractor that maintains the facility, continues to mow the grass and clean the panels within the field enclosure in early spring. The system was 100% operational with a three-year average of 28 days of reduced production (less than 600kWh) due to cloudy skies.

The 20-year solar facility financing agreement includes a 3% annual rate increase. Cost effective operation of the solar facility will continue to be enhanced by the ability of STP to produce at least 650 MG of water annually.

Net Metering Year	STP MG Produced	STP mWh Consumed	Solar mWh Produced	Savings/(Loss)^{1 2}
2012/13	804	788	677	(\$1,000)
2013/14	464	600	738	(\$16,000)
2014/15	598	642	701	(\$12,000)
2015/16	563	646	623	\$6,000
2016/17	756	891	690	\$11,000
2017/18	775	739	697	\$4,053
2018/19	556	690	654	\$10,227
2019/20	686	769	678	\$15,027
2020/21	211	592	672	\$6,205

¹ Savings/(Loss) derived from operating the solar facility is calculated using the TOU rates in effect from the PG&E A6 rate table plus 23% for PG&E demand, service and tax charges for 2012-2017.

² Savings/(Loss) derived from operating the solar facility is the savings earned from selling excess electricity to MCE for the years 2018-2021.

9

MEMORANDUM

TO: Board of Directors August 13, 2021
FROM: Drew McIntyre, General Manager 
SUBJ: Gallagher Well No. 2 - Coastal Permit Appeal to California Coastal Commission
(County ID P3010)

r:\folders by job no\6000 jobs\6609.20 new gallagher well #2\bod memostcoastal permit appeal to ccc 8_13_21 clean.doc

RECOMMENDED ACTION: Information Only
FINANCIAL IMPACT: \$ 42,000 (estimated appeal costs to-date)

Background

Although the environmental impact of Gallagher Well No. 2 was thoroughly examined in 2009, the passage of time and new evaluation requirements informed the decision to prepare an Addendum to the 2009 IS/MND. At the March 2, 2021 meeting, the Board approved the CEQA Addendum for the 2009 Gallagher Wells and Pipeline Project and adopted a Resolution finding the proposed mitigation measures were consistent with the previously approved 2009 Mitigated Negative Declaration for the Project and Staff filed a Notice of Determination with the county on March 5, 2021. No protest was received during the 30-day posting period.

Coastal Permit Process

DZA Approval

The project site, located to the north of the existing Gallagher Well No. 1 site at the Gallagher family ranch, is within the Coastal Zone and therefore subject to the policies of the Marin County Local Coastal Program (LCP). As reported to the NMWD Board at the April 16, 2021 meeting, the District submitted an LCP permit application to the Marin County Community Development Agency (CDA) which is responsible for processing a Coastal Permit application. The Marin County CDA held a public hearing on March 25, 2021 for the Project's LCP permit and the Deputy Zoning Administrator (DZA) approved the Use Permit at the same hearing. The DZA also indicated that interested parties may appeal the decision to the Marin County Planning Commission within five business days. A timely appeal was filed by Save Our Seashore (SOS) on April 1, 2021.

As a result of the April 1 SOS appeal, the Marin County (MC) Planning Commission held a public hearing on May 24, 2021 to take public testimony and consider the project (reference June 15th Board Meeting Agenda Item 15 for related documents). Testimony was provided by the Appellant (Mr. Gordon Bennett, SOS), District Staff (and consultants) and the public (Mr. Ken Levin). After consideration of testimony the Planning Commission ultimately determined that the bases of appeal were insufficient to overturn the DZA's approval of the project and made many findings including the project is: (1) consistent with the goals and policies of the Marin Countywide Plan and (2) consistent with mandatory findings for Coastal Permit Approval. Final action at the meeting was to vote to deny the SOS appeal and approve the Coastal Permit. The Planning Commission indicated that interested parties may appeal the decision to the Marin County Board of Supervisors within five business days. An appeal was submitted by Save Our Seashore on May 28th, within the five-day window.

Appeal to Marin County Board of Supervisors

As a result of the May 28th SOS appeal to the Marin County Board of Supervisors (BOS) a public hearing was held during the regularly scheduled BOS meeting on July 13th, 2021 to take public testimony and consider the project. Testimony was provided by the Appellant (Mr. Gordon Bennett), District Staff (and consultants) and the public (Mr. Ken Levin). Final action at the meeting was to unanimously vote to approve the Coastal Permit (See Exhibit 1). Under California state law, an appeal may be filed with the California Coastal Commission (CCC) within the tenth working day following receipt of the Final Action Notice issued by Marin County (i.e., August 5, 2021). On July 28th a CCC staff member sent an email informing the District that a timely appeal was submitted by Save Our Seashore (See Exhibit 2).

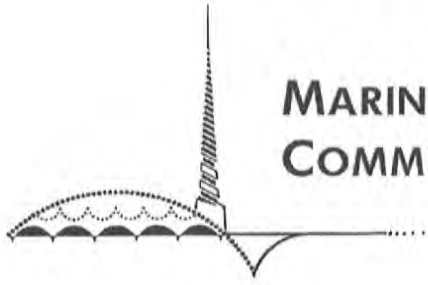
Appeal to California Coastal Commission

The next step is for the California Coastal Commission (Commission) to consider the appeal. Staff, legal counsel and our environmental consultant, ESA, are preparing a response to SOS' most recent appeal so that it can be submitted to Commission staff in advance of the California Coastal Commission Appeal Hearing. Commission staff has indicated that they need time to review the project and prepare a thorough staff recommendation for Commission consideration and are tentatively scheduling this item for the October 12th Commission meeting.

The Commission's consideration of appeals is a two-step process. The first step is determining whether the appeal raises a substantial issue that the Commission finds to be significant enough to warrant the Commission taking jurisdiction over the Local Coastal Permit application. This step is referred to as the "substantial issue" phase of an appeal. At the substantial issue hearing, Commission staff will make a recommendation for the Commission to find either "substantial issue" or "no substantial issue". If staff makes the former recommendation, the Commission will not take testimony at the hearing and a "substantial issue" is automatically found. If Staff makes the recommendation that there is "no substantial issue" the Commission will take testimony. If, following testimony and a public hearing, the Commission determines that the appeal does not raise a substantial issue, then the first step is the only step, and the LCP approval by Marin County stands.

However, if the Commission finds a substantial issue, the Commission takes jurisdiction over the LCP application, and the appeal heads to the second phase. In the second phase of the appeal, the Commission must determine whether the Gallagher Well No. 2 project is consistent with the LCP. Commission staff will make a LCP decision recommendation to the Commission, and the Commission will conduct a public hearing to decide whether to approve, approve with conditions, or deny the Gallagher Well No. 2 LCP. The estimated time for completing both steps through the Coastal Commission is approximately six months.

Installation of Gallagher Well No. 2 continues to be delayed due to this appeal.



**MARIN COUNTY
COMMUNITY DEVELOPMENT AGENCY**

**CALIFORNIA
COASTAL COMMISSION
THOMAS LAI, DIRECTOR**

RECEIVED

JUL 22 2021

NOTICE OF FINAL LOCAL (BOARD OF SUPERVISORS) DECISION

Pursuant to Coastal Act Section 30603(d), Coastal Commission Regulations Section 13571, and LCP Policy and/or Implementation Plan.

July 19, 2021

**California Coastal Commission
455 Market Street, Suite 300
San Francisco, CA 94105**

Attention: Coastal Planner

**FINAL LOCAL
ACTION NOTICE**
REFERENCE # 2-MAR-21-0668
APPEAL PERIOD 7/23/21-8/5/2021

Applicant's Name: **Gallagher Family (North Marin Water District) Coastal Permit and Use Permit**

Coastal Permit Number: Coastal Permit [P3010]

Assessor's Parcel Number: 119-050-17

Project Location: 14500 Point Reyes-Petaluma Road, Point Reyes Station, CA

Determination: **Approved With Conditions**
(Resolution of the July 13th Board of Supervisors' hearing is attached specifying action.)

Decision Date: July 13, 2021

County Appeal Period: N/A – Final appeal to Board of Supervisors

Local review is now complete.

This permit IS appealable to the California Coastal Commission (see Marin County Code Section 22.56.080 attached); please initiate the California Coastal Commission appeal period.

Any correspondence concerning this matter should be directed to Immanuel Bereket, Sr. Planner at (415) 473-2755.

Sincerely,

Immanuel Bereket
Sr. Planner

Attachment1- Resolution

22.56.080 APPEALS TO THE CALIFORNIA COASTAL COMMISSION

For those coastal project permits which are approved for developments defined as "appealable" under California Public Resources Code, Section 30603 (a), an appeal may be filed with the California Coastal Commission by: (1) an aggrieved party; (2) the applicant; or (3) two members of the coastal commission. Such appeals must be filed in the office of California Coastal Commission not later than 5:00 p.m. of the tenth working day following the date of action from which the appeal is taken. In the case of an appeal by an applicant or aggrieved party, the appellant must have first pursued appeal to the county appellate body (or bodies) as established in Section 22.56.074 of the Marin County Code to be considered an aggrieved party.

RESOLUTION NO. 2021-53
RESOLUTION OF THE MARIN COUNTY BOARD OF SUPERVISORS
DENYING THE SAVE OUR SHORES APPEAL AND APPROVING THE GALLAGHER
FAMILY (NORTH MARIN WATER DISTRICT) COASTAL PERMIT AND USE PERMIT
14500 PT. REYES-PETALUMA ROAD, POINT REYES STATION
ASSESSOR'S PARCEL 119-050-17

SECTION I: FINDINGS

1. **WHEREAS**, Drew McIntyre, on behalf of the North Marin Water District (NMWD) and the Gallagher Family, is requesting Coastal Permit and Use Permit approval to construct and operate a municipal well to provide water for customers in the community of Point Reyes Station. Two wells are located on U.S. Coast Guard property in Point Reyes Station (Coast Guard Wells), while the third well (Gallagher Well No. 1), is located on the project site. The proposed project is to construct Gallagher Well No. 2 as part of the Gallagher Wells, located approximately 500 feet north of the existing Gallagher Well No. 1. The purpose of the proposed project is to increase the reliability of domestic water supply to offset the loss of water production at the NMWD's other wells located on the U.S. Coast Guard property. The proposed well would tie into the existing water transmission pipeline located south of the private Gallagher Ranch access road. The proposed well and distribution pipelines would occur within 100 feet of Lagunitas Creek, which traverses the project site.

As part of this project, the NMWD would abandon an existing well (the Downey Well), which lies within the Lagunitas Creek stream channel. The Downey Well was initially constructed on the bank of the Lagunitas Creek stream. However, the creek has migrated over time such that the well is now located at the center of the creek channel. As a result, the Downey Well produces unsafe water quality for domestic consumption. Other improvements proposed include the construction of water distribution pipelines, pump stations, a well field, and other components both within and outside the project site.

The proposed municipal water well will serve the public's critical need by creating a reliable water source for the communities of Point Reyes Station, Olema, Inverness Park, and Paradise Ranch Estates.

The property is located at 14500 Pt. Reyes-Petaluma Road, Point Reyes Station, and is further identified as Assessor's Parcel 119-050-17.

2. **WHEREAS**, on March 25, 2021, the Marin County Deputy Zoning Administrator held a duly noticed public hearing to take public testimony and consider the project and approved the Gallagher Family Coastal Permit and Use Permit.

3. **WHEREAS**, on April 1, 2021, Mr. Gordan Bennett, on behalf of Save Our Shores, submitted a timely appeal of the Gallagher Family Coastal Permit and Use Permit approval.

4. **WHEREAS**, on March 24, 2021, the Marin County Planning Commission held a duly noticed public hearing to take public testimony and consider the project and denied the appeal, and approved the project.

5. **WHEREAS**, on May 29, 2021, Mr. Gordan Bennett, on behalf of Save Our Shores, submitted a timely appeal of the Gallagher Family Coastal Permit and Use Permit approval.
6. **WHEREAS**, on July 13, 2021, the Marin County Board of Supervisors held a duly noticed public hearing to take public testimony and consider the project.
7. **WHEREAS**, the bases of appeal are insufficient to overturn the Planning Commission's decision, for the reasons discussed below.

A. The appellant asserts that the 2009 Mitigated Negative Declaration is inadequate for the proposed modification, and a new environmental impact report must be prepared.

Under the California Environmental Quality Act (Cal. Pub. Res. Code Section 21000 et seq.) and the CEQA Guidelines contained in Title 14 of the California Code of Regulations (Cal. Code Regs. Tit. 14, Section 15000), a state or local agency typically assumes one of two roles in CEQA implementation: Lead Agency or Responsible Agency. A Lead Agency has the principal responsibility for carrying out or approving a project. Therefore, has the lead responsibility for implementing the CEQA process and preparing the CEQA document for that project (Cal. Code Regs. tit. 14, Section 15050). A Responsible Agency is an agency other than the Lead Agency with some discretionary authority over a project or a portion of it, but which is not designated the Lead Agency (State CEQA Guidelines Section 15381.). CEQA also requires Lead Agencies to consult with relevant trustee agencies with jurisdiction by law when preparing CEQA documents (Cal. Code Regs. tit. 14, Section 15086). Trustee agencies, such as the Department of Fish and Wildlife (DFW), have jurisdiction over resources held in trust for California (Cal. Code Regs. tit. 14, Section 15386).

In this case, the NMWD is the public agency responsible for carrying out the proposed project and is the Lead Agency, while Marin County is a Responsible Agency. As a Lead Agency, the NMWD has the authority to determine what level of CEQA review is required for the project and for preparing and approving the appropriate document [e.g., negative declaration (ND), mitigated negative declaration (MND), or Environmental Impact Report (EIR)]. The Lead Agency's decision is normally binding on all Responsible Agencies.

The role of a Responsible Agency is much narrower than that of a Lead Agency. While the Lead Agency must consider all environmental impacts of the project before approving it, a Responsible Agency has a much more specific charge: to consider only those aspects of the project that are subject to the Responsible Agency's jurisdiction. (State CEQA Guidelines Section 15096). In other words, the County needs to rely on the environmental review adopted by the Lead Agency, but that does not mean that the County has to approve the project.

B. The appellant asserts that the Planning Commission erred in approving the project without preparation of a new Environmental Impact Report.

The State CEQA Guidelines allow the Lead Agency to prepare an addendum to an adopted negative declaration "if only minor technical changes or additions are necessary but none of the conditions described in Section 15162 calling for the preparation of a subsequent EIR or negative declaration have occurred" (14 C.C.R., CEQA Guidelines Section 15164 (b)).

The Addendum that the NMWD prepared, circulated for public review, and adopted concluded that there will be no new impacts. Additionally, the proposed change to the project would not result in any new significant environmental effects or a substantial increase in the severity of previously identified significant effects in the 2009 MND. Further, as explained in the Addendum, all environmental effects would be reduced to less than significant levels with the incorporation of mitigation measures adopted in the 2009 MND. The appellant chose not to challenge the NMWD's CEQA determination in court, and the time limit for such a challenge has since lapsed.

C. The appellant asserts that the North Marin Water District has not fully studied the effects of multiple wells, and additional wells may not be necessary to serve its customers.

In this appeal point, the appellant raises no issues related to the project conformity with standards outlined in the Coastal Act, the Marin County Local Coastal Program (LCP), or the Interim Zoning Code. Instead, the appellant questions whether the NMWD completed the appropriate level of studies and whether an additional well is necessary to serve the NMWD's customers.

Pursuant to Interim Zoning Code Section 22.89.120I, this appeal is de novo. For the Board's "de novo" review of the application, the standard of review for the subject Coastal Permit and Use Permit is the policies and provisions of the County of Marin Local Coastal Program, the Countywide Plan and the Interim Zoning Code, which applies to the coastal areas.

As described in detail in Section 13 below, the project conforms to all applicable requirements of the Countywide Plan and is consistent with the mandatory findings for approving a Coastal Permit, as discussed in Section 14 below. Approval of the proposed project would not adversely impact biological and coastal resources, including coastal access and recreational facilities. Further, as discussed in Section 15 below, the proposed project is consistent with the governing C-APZ-60 zoning district and required findings under Section 22.57.036I of Interim Zoning Code because it would be compatible with and accessory to the existing agricultural uses on the property. Finally, as discussed in Section 16 below, the proposed project meets the mandatory findings to approve a Use Permit (under Section 22.88.010I.2 of the Interim Zoning Code) because public utilities, such as public wells, may be permitted with a Use Permit under Section 22.88.010I.2 of the Interim Marin County Code when it is found to be necessary for public health, safety, convenience, or welfare.

The Planning Commission approved the Coastal Permit application because it met the legal requirements and findings for approving such a permit. The Board's purview does not include a determination of whether a project is necessary. Instead, as

discussed above, the standard of review is confined to the project's consistency with all applicable regulations. Based on the substantial evidence on record, including project plans and environmental studies, the project meets the required findings for approval.

D. The appellant asserts that the NMWD is unlawfully pumping water reserved for salmon when it has other alternative water sources that would not impact salmon nor violate its water permits.

The State Water Board's Division of Water Rights administers California's water rights system (SWRCB). The Division of Water Rights also processes petitions submitted by wastewater treatment plant operators who wish to increase or decrease their discharges to a stream. The County lacks jurisdiction over matters related to water rights. Matters related to water rights and violation of any applicable covenants, agreements, or restrictions are within the purview of other agencies, notably the SWRCB and the California Department of Fish and Wildlife. Since the appellant raises no issues related to the project conformity with standards outlined in the Coastal Act, the Marin County Local Coastal Program (LCP), the Interim Zoning Code, or other matters subject to the County's purview, the Board should dismiss this appeal point.

8. **WHEREAS**, the NMWD prepared and adopted a Mitigated Negative Declaration (NMD) in 2009 in accordance with the requirements of the California Environmental Quality Act Guidelines (14 Cal. Code Regs. 15000, et seq.).

9. **WHEREAS**, on February 7, 2021, the NMWD prepared an Addendum to the 2009 MND, which was circulated for a 30-day public review period and adopted by the NMWD Board on March 2, 2021.

10. **WHEREAS**, under State CEQA Guidelines Section 15367, the NMWD is the Lead Agency responsible for carrying out or approving a project and implementing the CEQA process, and preparing the CEQA document for the project (Cal. Code Regs. tit. 14, Section 15050).

11. **WHEREAS**, the County is a Responsible Agency under the State CEQA Guidelines Section 15381.

12. **WHEREAS**, The Addendum that the NMWD prepared, circulated for public review, and adopted concluded that there the proposed change to the project would not result in any new significant environmental effects, or a substantial increase in the severity of previously identified significant effects in the 2009 MND. The County's review determined that the 2009 MND and 2021 Addendum adequately evaluate the aspects of the project subject to County approval. Therefore, further environmental review cannot be required by the County as a Responsible Agency.

13. **WHEREAS**, the project is consistent with the goals and policies of the Marin Countywide Plan for the following reasons:

- A. As discussed in Section 15 below, the proposed project is compatible with the C-APZ land use designation for the project site. It would not interfere with the existing use of the ranch property for livestock grazing. The project will involve the

construction of a municipal well that is accessory to the existing use. The design, location, size, and operating characteristics of the proposed facility will be compatible with the allowed uses in the vicinity.

- B.** As discussed in Section 16 below, the mandatory findings to approve a Use Permit can be made to allow a public utility to serve the public and is necessary for public safety, convenience, and welfare.
- C.** The project is consistent with the CWP woodland preservation policy (BIO-1.3) because it would not entail the irreplaceable removal of a substantial number of mature, native trees. No vegetation removal is proposed with this project.
- D.** The project is consistent with the CWP special-status species protection policy (BIO-2.2) because the subject property does not provide habitat for special-status species of plants. Protected species are in Lagunitas Creek, but potential impacts to those fish would be reduced to less than significant impacts because the Mitigation and Monitoring Program would be implemented.
- E.** The project is consistent with the CWP natural transition and connection policies (BIO 2.3 and BIO 2.4) because it would not substantially alter the margins along riparian corridors, wetlands, baylands, or woodlands. As documented in the MND, two components of the proposed project would require work within the stream channel of Lagunitas Creek. Removing the existing wellhead of the Downey Well will require that an excavator, working from the top of the bank, remove the existing wellhead. No riparian vegetation would be removed to abandon the well. The relocated gauging station would be constructed on the edge of the Gallagher Ranch pasture and would not require removal of riparian or vegetation other than annual grasses.
- F.** The project is consistent with the CWP stream and wetland conservation policies (BIO-3.1 and CWP BIO-4.1) because the proposed municipal water well is one of the types of improvements permitted within the wetland conservation area and stream conservation area, provided such projects would not result in any significant adverse direct or indirect impacts on wetlands and minimize impacts to stream function and to fish and wildlife habitat.
- G.** As discussed above, the proposed project is to construct a municipal well to serve the public. Although the proposed project would be located adjacent to Lagunitas Creek, which is identified as a blue-line stream, no stream impoundments or direct diversions would occur as part of the project, nor would the project alter the stream channel or stream banks. Further, construction activities would not conflict with any Habitat Conservation Plans, Natural Conservation Community Plans, or any approved local, regional, or State habitat conservation plans. Additionally, the project proposes to dedicate certain water rights for instream flows to protect, preserve, restore, and recover aquatic organisms and wildlife habitat. This water dedication would benefit the wetland habitat in West Marin by allowing the National Park Service to implement its planned Olema Marsh restoration by availing additional water, enabling full implementation of the Giacomini Wetland Restoration Project.

Strict adherence to the adopted Mitigation Monitoring and Reporting Program (MMRP) would ensure no impacts on the CWP stream and wetland conservation policies.

- H. The project is consistent with CWP water quality policies and would not result in substantial soil erosion or discharge of sediments or pollutants into surface runoff (WR-1.3, WR-2.2, WR-2.3) because the grading and drainage improvements would comply with the Marin County standards and best management practices required by the Department of Public Works.
 - I. The project would not cause significant adverse impacts on water supply, fire protection, waste disposal, schools, traffic and circulation, or their services.
14. **WHEREAS**, the project is consistent with the mandatory findings for Coastal Permit approval (Marin Interim Zoning Code Section 22.56.130I).

A. Water Supply.

The NMWD historically has relied on the two Coast Guard Wells (located to the south of its treatment plant, which is located approximately 500 feet from the end of Commodore Webster Drive at the Point Reyes Station former Coast Guard Housing Facility) to supply water for the West Marin service area. Due to the wells' location in the upper tidal reach of Lagunitas Creek, they are under the influence of flows in the tidal reach of Lagunitas Creek and subject to periodic salinity intrusion and occasional flooding. The Gallagher Ranch site is upstream of any flooding and tidal reaches of Lagunitas Creek. However, the existing NMWD Gallagher Well No. 1 has a limited flow capacity (170 gallons per minute) and is not currently connected to the West Marin distribution system. This project would increase the water supply from the Gallagher site and integrate those wells into the NMWD distribution system. Because both Coast Guard Wells mostly have acceptable water quality, offer reliable water supply during most months, and have ample capacity to recharge, the Coast Guard Wells will continue to be the primary source.

The proposed Gallagher Well No. 2 would be used during periods of high tides, avoiding saltwater intrusion into the water supply system. By establishing a reliable emergency backup source of water upstream of the high tide water influences of Tomales Bay, water service reliability will increase with the implementation of the proposed project. The proposed well will serve West Marin communities of Point Reyes Station (including the Coast Guard housing area), Inverness Park, Paradise Ranch Estates, Bear Valley (including the Point Reyes National Seashore), and Olema. The NMWD has an agreement to assist the Inverness Public Utilities District during emergency water shortages. The development of this supplementary supply, therefore, stands to benefit that community.

The project would be consistent with planned development and planned growth in the region. The LCP describes existing and projected growth in the region. The LCP also describes existing and projected water supply and demand in keeping with this projected growth. The proposed project is consistent with the LCP in that it is not growth-inducing and would not increase the NMWD's water supply. Instead, the proposed project is intended to secure a reliable and safe source of domestic water for the NMWD's customers. The project would offset pumping volumes obtained at the Coast Guard

Wells only when unavailable due to salinity intrusion or other operational conditions preventing pumping. The amount of water pumped from all wells would remain within the limits set in the water rights permits.

B. Septic System Standards.

The Marin County Environmental Health Services Division staff reviewed the proposed project and determined that the existing septic system would not be affected by the project.

C. Grading and Excavation.

The project site has various slopes, and the project is designed to fit the site's topography and existing soil conditions. The project would include digging an approximately 500-foot-long trench to place the pipeline and digging the 59-foot deep well. The land exposed at any one time during construction will be kept to the shortest possible time. As required by the mitigation measures, the area must be restored to a similar condition as before the project. All excavated soil and excess material will be hauled to NMWD's Corporation Yard in Novato for future use. The well pad would be the only impervious surface created by the project. Chemicals, fuels, and any other materials onsite would be used only for construction and would be properly disposed of within an authorized landfill.

D. Archaeological Resources.

The project site was surveyed for archaeological and historical resources in connection with the 2009 MND and the Gallagher Ranch bank stabilization projects. No archaeological resources were identified as part of this survey or subsequent implementation of the Gallagher Well No. 1 or bank stabilization, both of which were completed in 2010. While it is unlikely that the project would result in disturbances to cultural resources, in the event archeological resources are uncovered during construction, all work shall immediately cease. The services of a qualified consulting archaeologist must be engaged to assess the value of the resource and develop appropriate mitigation measures.

E. Coastal Access.

The proposed project is not located adjacent to a shoreline. Therefore, the project would not have any impact upon coastal access.

F. Housing.

The proposed project would not remove a residential unit that would provide housing opportunities for low or moderate-income people.

G. Stream and Wetland Resource Protection.

A municipal well is allowed within stream or wetland area under the Marin County Interim Zoning Code Section 22.56.130I.G.1, which provides "[s]tream diversions shall be limited to necessary water supply projects..." and the minimum flows necessary to

maintain fish habitat, existing water quality, and protect downstream resources are maintained, as determined by the Department of Fish and Game and the Division of Water Rights of the State Water Resources Control Board (SWRCB). Additionally, under the LCP's Natural Resources Policy 3.a, development of water supply infrastructure within mapped perennial or intermittent streams, including impoundments, diversions, channelizations, and other substantial alterations, are permitted, provided such projects minimize impacts on sensitive coastal resources. The LCP's Natural Resources Policy 3.b provides that for such water supply projects must "incorporate the best mitigation measures feasible, including erosion and runoff control measures, and revegetation of disturbed areas with native species. Disturbance of riparian vegetation shall be held to a minimum."

As described in the project documents, the project could result in a reduction in creek discharge. However, the magnitude of this reduction would be negligible and would not substantially reduce streamflow or lower water surface to the degree that would adversely impact stream habitat, and thus would not decrease stream flows, individually or cumulatively, below the minimum flow level required by the SWRCB.

H. Dune Protection.

The project site is located east of the community of Point Reyes Station. There are no naturally occurring dunes on or within the vicinity of the project site.

I. Wildlife Habitat Protection.

As described in the 2009 MND and subsequent Addendum, no vegetation or special-status species and sensitive natural communities would be removed or impacted by the project. Special-status animal species, including Steelhead and Coho, were identified as present in the project area along Lagunitas Creek. However, the proposed project would be sited to avoid wildlife habitat areas and to provide buffers for such habitat areas. Additionally, mitigation measure 12-25 requires protection measures for special-status species. Adherence to the required mitigation measures described in the MND would minimize impacts to special status species.

J. Protection of Native Plant Communities.

The proposed project itself would not adversely impact native plant communities because the project is proposed to occur in an area where no vegetation exists. However, according to the 2009 MND, the project site includes special-status species and non-indigenous, naturalized annual grass species. These non-indigenous grasses threaten the re-establishment of native plant species. As required by the project mitigations, the project would include reseeded of disturbed areas with native vegetation appropriate for the habitat type following construction.

K. Shoreline Protection.

The subject property is not adjacent to the shoreline, and the proposed project would not result in adverse effects on the coastline. The project would not require additional shoreline protection.

L. Geologic Hazards.

The project is located in a Seismic Shaking Amplification Hazard Area Zone 2, but is not located within the vicinity of any known fault lines.

M. Public Works Projects.

The proposed project is not located near Highway 1, nor would it include any roadway improvements. As described in the application material, the purpose of the project is to protect the safety and reliability of NMWD's water supply for its consumers. The project would not increase NMWD production capacity but would provide a supplemental supply source when the other well sites are unavailable. The project would not expand utility service beyond the existing service limits and would conform with the resource and visual policies of the LCP and Marin municipal code.

N. Land Division Standards.

The project does not include a land division or property line adjustment.

O. Visual Resources and Community Character.

Once the construction of the project is completed, project improvements would not be visible from public vantage points because of topography and existing vegetation. The small gauging station enclosure would be screened by vegetation between Point Reyes-Petaluma Road and the creek. The wellhead vault would be almost flush with the ground surface. Piping would be underground, except where it is attached to the underside of the Gallagher Ranch bridge. The pump control steel cabinet would be aboveground but screened for public view by roadside vegetation from Point Reyes/Petaluma Road. The project would not alter existing open space views in the area.

P. Recreational/Commercial/Visitor Facilities.

The project site is governed by C-APZ-60 (Coastal, Agricultural Production Zone) zoning regulations and would not provide commercial or recreational facilities.

Q. Historic Resource Preservation.

The project site is not located within an identified historic area of the LCP. The project site was surveyed for archaeological and historical resources in 2009 for the Gallagher Ranch bank stabilization project, and no historical resources were identified.

A California Historical Resources Information System (CHRIS) records search identified one existing resource of the Black Mountain Historic era ranch. The bridge over Lagunitas Creek was identified as a new historic resource. The project would not impact these resources because the well and the mains would be primarily underground.

15. **WHEREAS**, the proposed project is consistent with the governing C-APZ-60 (Coastal, Agricultural Production Zone, one unit per 60 acres maximum density) and required findings under Section 22.57.036I of Marin County Code because:

- A. The project would be compatible with and accessory to the existing agricultural uses on the property. Public water facilities like wells are conditionally permitted in the C-APZ zoning district. The proposed well would not significantly affect agricultural production on the Gallagher Ranch. The project would affect less than 0.01 percent of the 330-acre ranch and would not interfere with the operation of the existing livestock ranching operations.
- B. The proposed project will have no significant adverse impacts on environmental resources, including stream or riparian habitats and scenic resources.
- C. The proposed project will not impact or impair other agencies' ability to provide necessary services (fire protection, police protection, schools, etc.) to serve the project site.

16. **WHEREAS**, the proposed project is consistent with the mandatory findings to approve a Use Permit (Section 22.88.0101.2 of the Interim Marin County Code), as specified below.

- A. The establishment, maintenance or conducting of the use for which a use permit is sought will not, under the particular case, be detrimental to the health, safety, morals, comfort, convenience, or welfare of persons residing or working in the neighborhood of such use and will not, under the circumstances of the particular case, be detrimental to the public welfare or injurious to property or improvements in the neighborhood.**

The proposed project would benefit the public health, safety, and welfare by providing safe water for domestic consumption. The project would reduce the need to pump at the Coast Guard Wells during high tides or other conditions where pumping is known to cause saltwater intrusion and contamination of the aquifer. The project would reduce the need for increased off-tide pumping (which is currently done to compensate for the times when high tides prohibit pumping). The proposed project would not only increase safety but would improve supply reliability. The project, therefore, will be beneficial for public health, safety, and welfare.

The project would further benefit the environment by providing water for plants, fish, and wildlife by permanently dedicating 212.7 acre-feet (0.699 cfs) of Lagunitas Creek water that the NMWD can currently divert to instream uses (i.e., for the benefit of plants, fish, and wildlife using the creek). Reduction in off-tide pumping at higher rates would also benefit the Lagunitas Creek fishery by keeping more water in the stream.

Finally, as proposed, the project would be consistent with all applicable policies of the Marin Countywide Plan. The proposed project would not result in visual impacts because the facility would be located over 400 feet from the nearest public roadway in an area that is partially screened from off-site locations by existing vegetation and topographical features. The project would not alter the drainage pattern of the area.

SECTION II: ACTION

NOW THEREFORE, BE IT RESOLVED that the project described in condition of approval 1 is authorized by the Marin County Board of Supervisors and is subject to the conditions of project approval.

This decision certifies the proposed project's conformance with the requirements of the Marin County Development Code and in no way affects the requirements of any other County, State, Federal, or local agency that regulates development. In addition to a Building Permit, additional permits and/or approvals may be required from the Department of Public Works, the appropriate Fire Protection Agency, the Environmental Health Services Division, water and sewer providers, Federal and State agencies.

SECTION III: CONDITIONS OF PROJECT APPROVAL

NOW, THEREFORE, BE IT RESOLVED that the Marin County Board of Supervisors hereby approves the Gallagher Family Coastal Permit and Use Permit, subject to the conditions listed below.

CDA-Planning Division

1. This Coastal Permit and Use Permit approval authorizes the construction of a municipal well to provide water for customers in the community of Point Reyes Station. Two wells are located on U.S. Coast Guard property in Point Reyes Station (Coast Guard Wells), while the third well (Gallagher Well No. 1). is located on the project site. The proposed project is to construct Gallagher Well No. 2 as part of the Gallagher Wells, located approximately 500 feet north of the existing Gallagher Well No. 1. The purpose of the proposed project is to increase the reliability of domestic water supply to offset the loss of water production at the NMWD's other wells located on the U.S. Coast Guard property. The proposed well would tie into the existing water transmission pipeline located south of the private Gallagher Ranch access road. The proposed well and distribution pipelines would occur within 100 feet of Lagunitas Creek, which traverses the project site.

As part of this project, the NMWD would abandon an existing well (the Downey Well), which lies within the Lagunitas Creek stream channel. The Downey Well was initially constructed on the bank of the Lagunitas Creek stream. However, the creek has migrated over time such that the well is now located at the center of the creek channel. As a result, Downey Well produces unsafe water quality for domestic consumption. Other improvements proposed include the construction of water distribution pipelines, pump stations, a well field, and other components both within and outside the project site.

2. Plans submitted for a Building Permit shall substantially conform to plans identified as Exhibit A, entitled "Gallagher Well No. 2," consisting of 2 sheets prepared by North Marin Water District, received in final form on February 6, 2021, and on file with the Marin County Community Development Agency, except as modified by the conditions listed herein.
3. The project shall conform to the Planning Division's "Uniformly Applied Standards 2021" with respect to all of the standard conditions of approval and the following special conditions: 10.

SECTION IV: VESTING

NOW THEREFORE, BE IT RESOLVED that unless conditions of approval establish a different time limit or an extension to vest has been granted, any permit or entitlement not vested within two years of the date of the approval, shall expire and become void. The permit shall not be deemed vested until the permit holder has actually obtained any required Building Permit or other construction permit and has substantially completed improvements in accordance with the approved permits, or has actually commenced the allowed use on the subject property, in compliance with the conditions of approval.

SECTION V: VOTE

PASSED AND ADOPTED at a regular meeting of the Board of Supervisors of the County of Marin, State of California, on this 13th day of July 2021, by the following vote:

AYES: SUPERVISORS Damon Connolly, Katie Rice, Stephanie Moulton-Peters,
Dennis Rodoni

NOES: NONE

ABSENT: Judy Arnold



PRESIDENT, BOARD OF SUPERVISORS

ATTEST:



CLERK

CALIFORNIA COASTAL COMMISSION

NORTH CENTRAL COAST DISTRICT OFFICE
455 MARKET ST., SUITE 228
SAN FRANCISCO, CA 94105-2420
(415) 904-5200
NORTHCENTRALCOAST@COASTAL.CA.GOV

**APPEAL FORM****Appeal of Local Government Coastal Development Permit****Filing Information (STAFF ONLY)**

District Office: North Central Coast

Appeal Number: _____

Date Filed: _____

Appellant Name(s): _____

APPELLANTS

IMPORTANT. Before you complete and submit this appeal form to appeal a coastal development permit (CDP) decision of a local government with a certified local coastal program (LCP) to the California Coastal Commission, please review [the appeal information sheet](#). The appeal information sheet describes who is eligible to appeal what types of local government CDP decisions, the proper grounds for appeal, and the procedures for submitting such appeals to the Commission. Appellants are responsible for submitting appeals that conform to the Commission law, including regulations. Appeals that do not conform may not be accepted. If you have any questions about any aspect of the appeal process, please contact staff in the Commission district office with jurisdiction over the area in question (see the Commission's [contact page](#) at <https://coastal.ca.gov/contact/#/>).

Note regarding emailed appeals. Please note that emailed appeals are accepted ONLY at the general email address for the Coastal Commission district office with jurisdiction over the local government in question. For the North Coast district office, the email address is NorthCentralCoast@coastal.ca.gov. An appeal emailed to some other email address, including a different district's general email address or a staff email address, will be rejected. It is the appellant's responsibility to use the correct email address, and appellants are encouraged to contact Commission staff with any questions. For more information, see the Commission's [contact page](#) at <https://coastal.ca.gov/contact/#/>).

Appeal of local CDP decision
Page 2

1. Appellant information:

Name: Save Our Seashore
Mailing address: 40 Sunnyside Dr
Phone number: 415-663-1828
Email address: gbatmuirb@aol.com

How did you participate in the local CDP application and decision-making process?

Did not participate Submitted comment Testified at hearing Other

Describe: Submitted Comments and testified at: Marin County Deputy Zoning Administrator Hearing,
at Marin County Planning Commission hearing and
at Marin County Board of Supervisors hearing

If you did *not* participate in the local CDP application and decision-making process, please identify why you should be allowed to appeal anyway (e.g., if you did not participate because you were not properly noticed).

Describe: _____

Please identify how you exhausted all LCP CDP appeal processes or otherwise identify why you should be allowed to appeal (e.g., if the local government did not follow proper CDP notice and hearing procedures, or it charges a fee for local appellate CDP processes).

Describe: Save Our Seashore has exhausted the above list of LCP appeal processes

1 If there are multiple appellants, each appellant must provide their own contact and participation information. Please attach additional sheets as necessary.

Appeal of local CDP decision
Page 3

2. Local CDP decision being appealed²

Local government name: Marin County
Local government approval body: Board of Supervisors
Local government CDP application number: _____
Local government CDP decision: CDP approval CDP denials³
Date of local government CDP decision: 713/21 FLAN mailed 7/19/21

Please identify the location and description of the development that was approved or denied by the local government.

Describe: Gallager Family (North Marin Water District) Coastal Permit and Use Permit

14500 Pt Reyes-Petaluma Rd, Point Reyes Station CA

Assessor's Parcel 119-050-17

Well Installation

² Attach additional sheets as necessary to fully describe the local government CDP decision, including a description of the development that was the subject of the CDP application and decision.

³ Very few local CDP denials are appealable, and those that are also require submittal of an appeal fee. Please see the [appeal information sheet](#) for more information.

**Appeal of local CDP decision
Page 4**

3. Applicant information

Applicant name(s): North Marin Water District
Applicant Address: 999 Rush Creek Place, Novato CA 94945

4. Grounds for this appeal⁴

For appeals of a CDP approval, grounds for appeal are limited to allegations that the approved development does not conform to the LCP or to Coastal Act public access provisions. For appeals of a CDP denial, grounds for appeal are limited to allegations that the development conforms to the LCP and to Coastal Act public access provisions. Please clearly identify the ways in which the development meets or doesn't meet, as applicable, the LCP and Coastal Act provisions, with citations to specific provisions as much as possible. Appellants are encouraged to be concise, and to arrange their appeals by topic area and by individual policies.

Describe: See Attached Page

⁴ Attach additional sheets as necessary to fully describe the grounds for appeal.

Appeal of local CDP decision
Page 5

5. Identification of interested persons

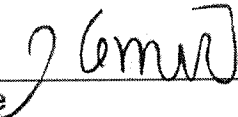
On a separate page, please provide the names and contact information (i.e., mailing and email addresses) of all persons whom you know to be interested in the local CDP decision and/or the approved or denied development (e.g., other persons who participated in the local CDP application and decision making process, etc.), and check this box to acknowledge that you have done so.

Interested persons identified and provided on a separate attached sheet

6. Appellant certifications

I attest that to the best of my knowledge, all information and facts in this appeal are correct and complete.

Print name Gordon Bennett, Save Our Seashore President

Signature 

Date of Signature 7/22/21

7. Representative authorizations

While not required, you may identify others to represent you in the appeal process. If you do, they must have the power to bind you in all matters concerning the appeal. To do so, please complete the representative authorization form below and check this box to acknowledge that you have done so.

I have authorized a representative, and I have provided authorization for them on the representative authorization form attached.

§ If there are multiple appellants, each appellant must provide their own certification. Please attach additional sheets as necessary.

§ If there are multiple appellants, each appellant must provide their own representative authorization form to identify others who represent them. Please attach additional sheets as necessary.

APPEAL MARIN COUNTY DECISION ON GALLAGHER WELL: ATTACHMENT #1

Marin County erred in claiming that Save Our Seashore (SOS) raised no issues related to the LCP (see FLAN, Decision Finding #7 C). In contrast, pages 2-3 of the SOS 5/24/21 Letter (Attachment #2) specifically reference conflicts with LCP Sections BIO 2.1, BIO 2.2, BIO 2.3, BIO 2.4, BIO 3.1 and BIO 4.1.

BIO 2.1 The Decision Findings do not rebuttal the SOS claim of conflict with BIO 2.1 that protects wildlife nursery areas. Steelhead (*Oncorhynchus mykiss*), a threatened species, nest in Lagunitas Creek within the property. BIO 2.1 also requires “no net loss” of sensitive habitat acreage. NMWD admits such loss, but claims (without study or evidence) that the loss is “negligible.” “Negligible loss” is inconsistent with “no net loss.”

BIO 2.2 Decision Finding #13 D (first sentence) claims that the subject is consistent with BIO 2.2 because the “*property does not provide habitat for special status species,*” but the County's own GIS maps show that Lagunitas Creek, home to threatened Steelhead and to endangered Coho salmon (*Oncorhynchus kisutch*) flows through the property. Also, Finding #13 D (second sentence) is inconsistent with the same Finding's first sentence because it claims that impacts to the Coho (that the first sentence claims don't exist on the property) “*would be reduced to less than significant impacts because the Mitigation and Monitoring Program would be implemented.*” But as SOS has pointed out, the NMWD Mitigation Program does not function in a proactive manner to protect special status species from harm because it is designed to be implemented only after evidence of harm has been found. Further, the NMWD Mitigation Program has a qualitative trigger (vs the quantitative trigger requested in RWQCB2's 2/8/21 letter), which means the trigger is subject to NMWD's own interpretation and thus has never been implemented despite conditions reasonably warranting implementation.

BIO 2.3 Decision Finding #13 E claims the project conforms to BIO 2.3 because it would “*not substantially alter*” margins along riparian corridors.” But there is no scientific study or evidence to support this claim and the Finding conflicts with NMWD's own 2009 IS/MND, which states that potential impacts to the riparian zone would be mitigated by NMWD's Mitigation Program (that is toothless and has never been implemented). Lastly, BIO 2.3 calls for such margins to be “*preserved and enhanced,*” in contrast to “*not substantially alter(ed).*”

BIO 2.4 Decision Finding #13 E claims the project is consistent with BIO 2.4 that requires “*consideration of cumulative impacts*” but, as SOS has pointed out, the current project considers only its own incremental impacts rather than the cumulative impacts from both the current and the proposed NMWD wells operating together.

BIO 3.1 & 4.1 Decision Finding #13 F claims the project is consistent with BIO 3.1 because it would “*minimize impacts to stream functions and fish and wildlife habitat*” but there is no scientific study or evidence to support this claim. Even a small reduction in water level over the two mile stretch impacted by the proposed well could dry out acres of floodplain and isolate pools in which special species fish would be trapped.

In Sum: SOS has proposed (attachment #3) a compromise mitigation measure consistent with NMWD's own 2009 IS/MND that would allow the well to be permitted in a way that would be consistent with the Marin County LCP and protect sensitive species. We urge that the Coastal Commission to adopt this revised mitigation measure.

OVERVIEW: This NMWD Gallagher well appeal is less a land use issue than it is a water use issue involving State Water Board Order 95-17. WR 95-17 requires Marin Water to release water from Kent Lake (behind Peters Dam) into Lagunitas Creek to maintain specified minimum flows (6 cubic feet per second (cfs) in dry year summers) for public trust protection (hereinafter salmon water).

But WR 95-17 also states (pg 28) *“This permit does not authorize diversion of any water specifically released from storage by Marin Municipal Water District for fish and wildlife protection in Lagunitas Creek...Permittee [NMWD] shall not divert or impair the flow of such water.*

Thus key issue here is NMWD’s unpermitted use of salmon water. If this misuse had not occurred, the appeal of the NMWD Gallagher well would not have been necessary...nor would the test and evaluations requested by the Water Board. But because NMWD stubbornly refuses to forego pumping salmon water, these tests have become necessary to ensure that NMWD’s unpermitted pumping of salmon water does not harm protected species.

WR 95-17 also states (page 28, emphasis ours): that *“analysis indicates that there would be limited natural flow in the lower portion of Lagunitas Creek during summer months of most years, and almost no natural flow during summer months of dry years.* WR 95-17’s “no natural flow” statement is consistent with MMWD current statement (per MMWD 4/13/21 Flow meeting) that Lagunitas tributaries are presently mere “trickles,” with the result being that all the dry-year water in Lagunitas is salmon water (that NMWD pumps in violation of WR 95-17).

NMWD’s defense is that it withdraws only 0.30 cfs...a claimed insignificant portion of the 6 cfs salmon water. But that is like defending a bank robbery that got only \$0.30 and left \$6 in the till. In other words, the issue is not how much was taken, but rather the taking itself (but even how much will remain an issue until testing requested by SOS and the Water Board is done).

NMWD also claims that its withdrawals are necessary for the health of its customers. But NMWD has Rights and Agreements for more than enough water to satisfy its customers needs without taking salmon water. There is no legitimate reason for NMWD to panic its customers and then try to leverage that panic to justify an unnecessary taking of salmon water when NMWD has alternate water sources for its customers that would not result in taking salmon water.

NMWD also claims that Marin Water’s releases alone are sufficient to protect salmon...a claim that could be true, but only if NMWD ceases to take that very same water.

NMWD’s use of the proposed second Gallagher well in dry years (2020 and 2021) would not be an issue if NMWD would agree to follow its own protocols and conform to WR 95-17. But it hasn’t. The problem is that NMWD already agreed in the 2009 Initial Study / Mitigated Negative Declaration (IS/MND) to conform to WR 95-17, yet failed to follow the Study’s Mitigation Measure BR-2 intended to protect the salmon. Thus the 2009 Initial Study has not been mitigated.

Now NMWD proposes (2021 CEQA Addendum) yet another well that it claims will also conform to WR 95-17 with yet another new Mitigation BR-2 that is just as inadequate and un-quantified as the 2009 Mitigation BR-2. Further, this CEQA Addendum is built on the foundation of the 2009 Initial Study that contains multiple errors and misstatements. In land use planning, a structure proposed to be built on a defective foundation would not be allowed.

NMWD has had ample opportunity to protect the health of its customers by insisting on its senior water rights (at no cost to its customers) and/or invoking its Intertie Agreement (at minimum cost to its customers). Instead, NMWD choses to take salmon water.

SOS remains committed to dropping our appeal if the Commission incorporates as conditions of the NMWD permit that NMWD is prohibited from taking salmon water and testing proposed in the 2/8/21 Water Board Letter is done. Specific details of this commitment can be found at the end of this letter.

A RED HERRING COVERING A SALMON IMPACT

The following sections detail defects in the staff report to the Planning Commission for its 5/24/21 hearing, defects in the 2009 IS/MND, defects in the 2021 Addendum and thus provides the Commission with the authority to impose these additional conditions for the NMWD permit.

DEFECTS IN THE STAFF REPORT

- 1 The Staff Report cover page** (pages 2-3) states that: *“Recent salinity intrusions has impacted water quality...threatening public health...This change in conditions has necessitated the construction of this project. ...as an urgent matter to protect the quality of water supply.”*

But this public health claim is a red-herring that diverts attention from the fact that this project (if constructed) is anyway prohibited from pumping salmon water to protect public health. Instead to protect public health, NMWD needs to pump water using senior Water License 4324B and/or adhere to Mitigation Measure BR-2...both of which add water over and above the salmon water releases so that NMWD can pump that added water to protect human health.

As noted in the SOS 3/23/21 offer to withdraw our appeal (attachment #1), we have no objection to this Well Project...provided that the Gallagher wells only pump water above and beyond that which WR 95-17 requires to be left in the Creek for the salmon and that the testing and evaluations request by the 2/8/21 Water Board letter (attached) are done.

SOS notes that its 5/4/21 Board meeting, NMWD approved a contract for just such environmental review, which the Commission should incorporate as a condition of the NMWD permit. That NMWD action also appears to satisfy one of the two key conditions that SOS proposes to withdraw the appeal. The other key condition (pumping only Water License 4324B water and/or Intertie water, not salmon water) remains unaddressed by NMWD and which the Commission should incorporate as an additional condition for the NMWD permit.

- 2 Resolution Section 1 (1)** The Finding states that *“the Downey Well produces unsafe water quality for domestic consumption...the proposed municipal water well will serve the public’s critical need by creating a reliable water source.”* This is not correct. The Downey well has not been used as a municipal water source since 1994 (IS/MND page 4) and was removed as part of the 2009 project. Thus, the implication that the water quality problems with the Downey well necessitate the proposed Gallagher well No. 2 Project are incorrect.

- 3 Resolution Section 1 (6)** The Finding states that *“The County’s review determined that the aspects of the project subject to County approval are adequately evaluated by the 2009 MND and the 2021 Addendum , and therefore, further environmental review cannot be required...”* But as this letter documents, the County’s review was cursory...confused aspects of the prior 2009 project with the current 2021 project in dispute...and simply echoed NMWD’s unsupported claims without careful consideration of SOS’s comments and the County’s rights.

- 4 Resolution Section 10** (emphasis ours) omits reference to **BIO 2.1** (*“Require environmental review pursuant to CEQA of development applications to assess the impact of proposed development on native species and habitat diversity, particularly special-status species, sensitive natural communities, wetlands, and important wildlife nursery areas... Require adequate mitigation measures for ensuring the protection of any sensitive resources and achieving “no net loss” of sensitive habitat acreage, values, and function”).*

But threatened-status steelhead do build redds (nests) and lay eggs which mature in the gravel of the wildlife nursery in Lagunitas Creek on the Gallagher property (Ettinger MMWD 3/4/21 email: *“I’ve seen small numbers of redds [nests] on the Gallagher property, almost exclusively steelhead”*). NMWD admits that even the Addendum’s inadequate assessment found a loss of sensitive habitat deemed negligible. But “negligible” loss is not “no loss.” Further, the 0.3 cfs loss deemed to be “negligible” was the loss from only one of two Gallagher wells and was compared to 2020 summer flows as high as 7.1 cfs (2/8/21 Water Board letter).

But actual 2020 summer flows were as low as 4.1 cfs. If each of the two Gallagher wells results in loss of 0.3 cfs, then when compared to a true “worst case” of 4.1 cfs, NMWD is taking 15% of the salmon water, which is not negligible.

5 **Resolution Section 10 A** states (emphasis ours): *“the County needs to rely on the environmental review adopted by the Lead Agency, but that does not mean that the County has to approve the project.”* But, as SOS and Water Board letters document, the environmental review adopted by the Lead Agency is defective in numerous ways, including its purported conformance with the Marin Countywide Plan and its claim that human health mandates a Project approval, when, use of Water License 4324B and/or the Intertie), would also satisfy human health needs without reducing salmon water. Thus the County has the authority to require as a condition of approving the NMWD permit the additional environmental review (as requested by the Water Board and SOS)...and a prohibition on NMWD taking salmon water.

6 **Resolution Section 10 D (page 4)** states that the project is consistent with **BIO 2.2** (“Restrict or modify proposed development in areas that contain essential habitat for special-status species”) *“because the subject property does not provide habitat for special status species.”* But that statement is not correct. The subject property includes Lagunitas Creek and thus does provide habitat for special status species (Coho Salmon and Steelhead).

7 **Resolution Section 10 E (page 4)** states that the project is consistent with **BIO 2.3** (“Condition or modify development permits to ensure that ecotones, or natural transitions between habitat types, are preserved and enhanced because of their importance to wildlife. Ecotones of particular concern include those along the margins of riparian corridors) *“because it would not substantially alter the margins along riparian corridors....”* But there is no data to support this conclusion.

To the contrary, 2009 IS/MND states (emphasis ours): *“it is possible that pumping could reduce the groundwater aquifer to a level where riparian vegetation would be affected....[But]... surface flows will be maintained at the levels required by Water Right Order 95-17 and if necessary by NMWD requesting MMWD to release water...These surface flows recharge the stream underflow so that underflow should continue to be available to...riparian vegetation in the area near the well site. Mitigation Measure BR-2 would apply to this impact. Given this mitigation, it is not expected that periodic pumping from the Gallagher wells would adversely affect riparian vegetation....”* But as noted above, Mitigation Measure BR-2 was never implemented. Further, as also noted above, the operation of the Gallagher wells is now continuous, not periodic. Thus impacts to riparian vegetation are not known, which is why the 2/8/21 Water Board letter recommended additional evaluation.

8 **Resolution Section 10 E (page 4)** states (emphasis ours) that the project is consistent with **BIO 2.4** (“Ensure that important corridors for wildlife movement and dispersal are protected as a condition of discretionary permits, including consideration of cumulative impacts”)...because *“no riparian vegetation would be removed to abandon the [Downey] well. The relocated gauging station ...would not require removal of riparian...vegetation.”* But the Staff Report is confused because the well removal and gauge relocation were part of the 2009 Project...have already been done...and thus are not part of the current Project. What is relevant in BIO 2.4 is its consideration of cumulative impacts. As noted, neither the IS/MND nor the Addendum evaluates impacts from both Gallagher wells operating together (cumulatively). Instead, NMWD measures, for example, the cumulative weight of two boxes by putting the 1st box on the scale, reading the 1st weight, then putting the 2nd box on the scale, and claiming then cumulative weight of the two boxes is the only difference between the 1st reading and the 2nd reading. It is not.

9 **Resolution Section 10 F (page 4)** states (emphasis ours) that the Project is consistent with **BIO 3.1 and 4.1** because the project *“would minimize impacts to stream function and fish and wildlife habitat.”* But that statement merely echoes the inadequate analysis of the IS/MND and Addendum that the Water Board and SOS questioned and asked to be re-done. The staff report also claims that the Project will not result in any “direct” diversions, but because of the highly permeable soil, the pumping rate of Well #2 is virtually identical to the flow decrease in the creek. Therefore claiming “no direct” diversion is like saying that you are not drinking water because you are sipping it through a straw. The well has a direct impact.

- 10 Resolution Section 10 F (page 5)** is also confused in claiming that the project “proposes to dedicate certain water rights for instream flows.” But that dedication was negotiated as a mitigation for the 2009 IS/MND... has already been recorded... and thus is not applicable the current Project. Resolution F also notes (emphasis ours): “strict adherence to the adopted Mitigation Monitoring and Reporting Program would ensure no impacts” But as noted, required Mitigations have not been carried out and monitoring of flows at the Gallaher site to ensure compliance with WR 95-17 has been anything but “strict.”

DEFECTS IN THE 2009 INITIAL STUDY / (NOT) MITIGATED NEG DEC

- 11 Existing Water Rights** (IS/MND page 1) states: “Water License 4324B allows NMWD to divert water between May 1 and November 1 of each year [dry and normal rainfall years] at a rate of 0.67 cubic feet per second...[NMWD’s other water rights] are not available during the summer months (July through October) of dry years...To meet water demand in dry years when water cannot be diverted from Lagunitas Creek due to the restrictions described above, NMWD has an Intertie Agreement with the Marin Municipals Waste District (MMWD) to release up to 250 acre feet of water from Kent Lake.” But 2020 was a “dry year” per WR 95-17’s definition, so did NMWD trigger the Intertie Agreement as stated in the IS? No, it did not...instead NMWD used salmon water and continues to use salmon water.

- 12 Project Objectives and Benefits** (IS/MND pages 2-3) states: “the Coast Guard Wells will continue to be the primary supply...this new water source (the Gallagher wells) would be used during periods of high tides, avoiding saltwater intrusion...By establishing a reliable emergency backup source...”

But during the 2020 dry year, did NMWD use the Gallagher wells as an emergency backup during high tides? No it did not...instead the Gallagher well pumped continuously.

As the attached 2/8/21 Water Board letter (page 2) notes: “It is our understanding that the frequency and consistency of use of the upstream Gallagher Well No. 1 may have changed to be more consistent pumping during summer low flow periods...additionally these operations may no longer be associated with the tides...as indicated in the 2009 IS/MND.” Thus the “emergency backup high-tide” claim used by the 2009 IS to justify its conclusions of biological impacts “less than significant with mitigation” is not supported.

- 13 Biological Resources** (IS/MND pages 20) states: “Under Water Right Order 95-17, MMWD is required to releases water from Kent Lake to meet minimum flows at the USGS Park Gauge. Some additional streamflow enters Lagunitas Creek downstream of the USGS Park Gauge...so streamflows past the Gallagher Wells site are higher than the flows required at the USGS Park Gauge...On April 21, 2008, the flows at the Park Gauge were about 16 cfs while they were 18 cfs at the Gallagher Gauge [i.e. 2 cfs higher]”

But were streamflows past the Gallagher site 2 cfs higher than the flows required at the USGS Park gauge during the 2020 dry year summer? No, they were not. During the summer of 2020 the Gallagher flows were as low as 4.1 cfs (almost 2 cfs lower than the Park gauge flows. As the 2/8/21 Water Board letter (paged 5) states: “Figure 4 [2021 Addendum Exhibit B] demonstrates that while flows at the SPT gage range from 5.7 to 7 cfs.....flows the Project site range from 4.1 - 7.2 and are below 6 cfs approximately 50% of the period reported.”

Thus the “wet-year-2-cfs higher-flow” assumption used by the 2009 IS/MND to justify its conclusions of biological impacts “less than significant with mitigation” is not supported.

- 14 Biological Resources** IS/MND (page 20) states: “Under Water Right Order 95-17, MMWD is required to releases water from Kent Lake to meet minimum flows at the USGS Park Gauge. These same minimum flow would be required in the section between the Gallagher wells and the Coast Guard wells to insure that pumping from the Gallagher wells does not reduce the minimum required flows to a level that adversely affects fish...”

But were the minimum flows required at the Park Gauge [6 cfs in dry year summers) maintained at the Gallagher site? No they were not...as Exhibit 4 shows above, flows were *below 6 cfs approximately 50% of the period reported.* Thus the 2009 IS/MND claim that Marin Water’s releases are sufficient to protect salmon is not supported.

- 15 Biological Resources** IS/MND (page 20) states: *“Under Water Right Order 95-17, MMWD is required to releases water from Kent Lake to meet minimum flows at the USGS Park Gauge...If the minimum flows are not maintained, then NMWD will request (as part of its Intertie Agreement) that MMWD release sufficient water to Lagunitas Creek to reestablish at least the minimum flows...”*

But did NMWD request (as part of its Intertie Agreement) that MMWD release sufficient water to reestablish at least the minimum flows at the Gallagher site? No, it did not...instead NMWD used salmon water.

As the 2/8/21 Water Board letter (pages 4-5) notes: *Mitigation Measure BR-2 was developed in which a legal agreement with MMWD was reached (Intertie Agreement) for the release of additional water to meet the minimum 6 cfs at the Project site...our review...indicates that , as currently implemented, Mitigation Measure BR-2 is not consistently ensuring that instream flows are maintained at the required 6 cubic feet per second (cfs) during “dry years” at the Project site and therefore may not be protective of the aquatic environment.”*

Thus the 2009 IS/MND claim that the Intertie releases protect salmon is only correct when the Intertie Agreement is triggered. It was not.

- 16 Biological Resources** (IS/MND pages 20) states: *“If the minimum flows are not maintained, then NMWD will request (as part of its Intertie Agreement) that MMWD release sufficient water to Lagunitas Creek to reestablish at least the minimum flows...Alternately, after reviewing the streamflow monitoring, the Department of Fish and Game may conclude that the reduction in streamflow below the Gallagher gauge is so small that it does not significantly reduce habitat to fish and that additional releases from Kent Lake are not warranted.”*

But did the Department of Fish and Game conclude that the reduction in streamflow below the Gallagher gauge is “so small” that it does not significantly reduce habitat to fish and that additional releases from Kent Lake are not warranted.? No it did not. As noted in the 2/26/21 email from the Water Board, Mitigation Measure BR-2 was amended at the Board’s request to read: *“No comments were provided by the Department.”*

Further, the 0.3 cfs loss deemed to be “so small” was the loss from only one of two Gallagher wells and was compared to a high 2020 summer flow when actual 2020 summer flows were as low as 4.1 cfs. If each well results in loss of 0.3 cfs, then when compared to a true “worst case” of 4.1 cfs, NMWD is taking 15% of the salmon water, which is not “so small,” particularly when coming (improperly) out of salmon water. Instead, NMWD needs to take this same negligible amount out of Water License 4324B and/or the Intertie water.

- 17 Biological Resources** IS/MND (page 20) states: *“Water License 4324B requires NMWD to file a Dry Year Water Shortagè Report following each dry year That report must describe flow conditions in the creek as compared at the Park Gauge and the Gallagher Gage and all NMWD diversions. A public workshop to receive public comment is required prior to adoption of the final report.”* But the 2020 dry year ended September 30, 2020. Did NMWD file a Dry Year Water Shortage Report and conduct a public hearing? Not to our knowledge.

- 18 Biological Resources** (IS/MND page 23) states: *MMWD shall not divert water from the Gallagher wells to adversely affect fish and wildlife residing between the Gallagher Wells and the Coast Guard Wells. To meet this standard, prior to constructing any proposed project improvements, NMWD prepared a final hydrological design plan describing...how NMWD will maintain flow requirements downstream of the Gallagher Well site. The plan addressed ...Final Arrangements with MMWRD regarding water releases...Details of how water releases will be initiated and terminated; and Prediction process for initiating and terminating water releases...*

But did NMWD create such a specific plan? No, it did not. As the 2/26/21 Water Board email notes (emphasis ours): *“Currently, the 2009 IS/MND and Addendum only incorporate qualitative descriptions...will revisions include adding quantitative pumping limits / quantitative operating conditions for future operations of both wells?”*

But the NMWD revisions failed to include any quantitative limits. Thus the 2009 IS/MND claim that Marin Water's releases alone are sufficient to protect salmon is not correct.

- 19 Biological Resources** (IS/MND page 24) states: *"During periods when water was pumped from the Gallagher Wells it is possible that the pumping could reduce the groundwater aquifer to a level where riparian vegetation would be affected...[But] surface water flows will be maintained at the levels required by Water Right Order 95-17 and, if necessary, by NMWD requesting MMWD to release water to maintain the minimum flows. These surface flows recharge the stream underflow...to provide necessary water to riparian vegetation in the area near the well site. Mitigation Measure BR-2 would apply to this impact. Given this mitigation, it is not expected that periodic pumping from the Gallagher Wells would adversely affect riparian vegetation..."*

But were surface water flows at the Gallagher site maintained at the levels required by Water Right Order 95-17 during the 2020 summer? No, they were not. Was Mitigation Measure BR-2 enacted? No, it was not. Was the pumping from the Gallagher Wells periodic? No, it was not...instead it was continuous. Thus the rationales used by the 2009 IS/MND to justify its conclusion of biological impacts "less than significant with mitigation" are not supported and contradicted by NMWD's own data.

MATERIAL DEFECTS IN THE 2021 ADDENDUM BUILT ON THE FOUNDATION OF THE MATERIALLY DEFECTIVE 2009 (NOT) MITIGATED INITIAL STUDY

- 20 Operation** (Addendum page 3-17) states: *"Operation of the project would include pumping of water from a well adjacent to Lagunitas Creek, which could result in adverse impacts to fish...if not appropriately mitigated...As described in the 2009 IS/MND, impacts to Lagunitas Creek as a result of reduced streamflows during dry years would be mitigated by a release of water from Kent Lake...to ensure minimum required stream flows..."* But did any releases of water from Kent Lake to mitigate impacts occur in the 2020 dry year summer? No, none occurred.

- 21 Operation** (Addendum page 3-17) states (emphasis ours): *"In order to understand the cumulative impacts caused by operating both supply wells...a technical memorandum and analysis was done by Sutro Science...[that concluded] under low stream flow conditions, such as those present during the constant rate test in September 2020 groundwater pumping from the proposed Gallagher well No 2 location could result in a reduction of creek discharge. However, the magnitude of the reduction would be negligible."*

But did Sutro study the cumulative impact caused by both supply wells? No, it did not. The Addendum's assertion is contradicted by its own statement that the study was conducted during the *"pumping from [only] the proposed Gallagher well No, 2 location."* Was the Sutro test conducted under low stream flows conditions? No, it was not. To the contrary, USGS data from the SP Taylor gage shows that the Sutro test did indeed take place when MMWD released flows above that required by WR 95-17. Further, test water pumped by Gallagher well No.2 was released on site to percolate back into the water table, thus biasing the test results.

As the 2/8/21 Water Board letter (page 3) notes; *"the Report did not consider or report the withdrawals from Gallagher Well No. 1 in combination with Well No. 2 during the 7-day pump test or the entire study period to evaluation cumulative impacts... The Report states that testing occurred during the worst case summer drought conditions" but Figure 4 ...indicates that the highest streamflow during the summer occurred during the pump test period...The 7-day test seemed to have overlapped with the timing of an MMWD flow release [which] could mask the ability to detect changes..."*

- 22 Operation** (Addendum page 3-18) states *"Based on the Sutro Science hydrological analysis...any predicted changes in flows would result in negligible impacts in habitat conditions in Lagunitas Creek...Implementation of Mitigation Measure BR-2 would ensure that streamflows of Lagunitas Creek would be maintained..."*

But has Mitigation Measure BR-2 ensured that streamflows of Lagunitas Creek would be maintained? No, it has not. And is a reduction in streamflow a fair predictor of all downstream habitat changes? No, it is not.

As the 2/8/21 Water Board letter (page 6) states (emphasis ours): *Based on [the small reduction in streamflow], it was determined that the impacts from groundwater pumping would not adversely impact aquatic life....However, this parameter is not the only critical parameter. Reduction in stream flow also affects...habitat quantity and quality...If the minimum 6 cfs flow cannot be maintained at the Project site, then it is essential to determine if there is a scientifically defensible alternative baseflow minimum that will be protective of the aquatic ecosystem while allowing groundwater withdrawals at the Project site under defined and quantified groundwater well operating conditions. We suggest that other critical parameters are incorporated into the evaluation such as : (1)...critical instream habitats quality and quantify (e.g. pools, riffles and edge habitat); and (2) water quality parameters such as temperature, DO [dissolved oxygen]...*

This more expansive habitat evaluation requested by the Water Board of NMWD below the Gallagher site is the same habitat evaluation now being done by MMWD above the Gallagher site (MMWD Board meeting 4/6/21 Item 3) in hopes of providing its own *scientifically defensible alternative baseflow minimum* to support MMWD's planned request to the Water Board for reduced minimum flows. It is also the same habitat evaluation proposed by SOS as a condition to withdraw the SOS appeal of NMWD's Well permit.

SUMMARY: A RED HERRING COVERING A SALMON IMPACT

NMWD's claim of a human health emergency is a fabrication built on NMWD's own refusal to trigger its water rights (Water License 4324B water and Intertie water) that would solve the "emergency" of its own making. The only real issue here is NMWD's unpermitted use of salmon water.

If this misuse of salmon water had not occurred, the appeal of the NMWD Gallagher well would not have been necessary...nor would (arguably) the test and evaluations requested by the Water Board.

But because NMWD irrationally refuses to forego pumping salmon water (and wants us to believe that .3 cfs + .3 cfs = .3 cfs), these tests have become necessary to ensure that NMWD's unpermitted pumping of salmon water does not harm protected species. It would have been much easier if NMWD had adhered to WR 95-17's mandate not to pump salmon water in the first place.

Again, SOS remains committed to dropping our appeal if the Commission incorporates as conditions of the NMWD permit that:

- a) **NMWD is prohibited from taking salmon water...if there is no water available above and beyond the salmon water, then NMWD must use Water License 4324B water and/or Intertie water, not salmon water (defined as the WR 95-17 required flow at the SP Taylor gage less the flow, if any, from San Geronimo Creek). Further Water License 4324B water and Intertie water must account for loss in transmission. For example, if the SP Taylor gage reads 6 cfs and the Pt Reyes gage reads 4 cfs (a 1/3 loss), then a NMWD additional withdrawal, say of 0.6 cfs (above and beyond salmon water) must be 0.9 cfs at the SP Taylor gage to account for the 1/3 loss in transmission).**
- b) **If, in any case, flows at the Pt Reyes gage are below those required for salmon at the SP Taylor gage, then NMWD must do the evaluations and testing proposed in the 2/8/21 Water Board Letter.**

In sum, SOS is simply asking NMWD to

- **Stop taking salmon water that it is prohibited from taking, but continues to take;**
- **Carry out the mitigation that it said it would do, but didn't do;**
- **Do the former testing it said it did, but didn't do; and**
- **Do the proposed testing it said it would do, but has yet to do.**

Is that too much to ask? Apparently so for NMWD. Now the question is: is that too much to ask Marin County to hold NMWD to?

Thank you for reading the above comments on this confusing (and confused) water use issue.

Gordon Bennett SOS President 5/19/21

To: Marin County Board of Supervisors From: Save Our Seashore

Date: July 12, 2021

Re: Gallagher Well Permit 7/13/21 Agenda #18

NMWD claims that their CEQA analysis of the Gallagher Well project must be accepted due to NMWD's role as lead agency...notwithstanding that Save Our Seashore has detailed the many defects in that CEQA analysis.

Save Our Seashore's position is that Marin County has a public trust obligation and that if NMWD's CEQA analysis is defective, it must be rejected.

But, if the County is unwilling to reject NMWD's CEQA analysis, then we request that the County enforce the terms of NMWD's own CEQA analysis by incorporating them into the Gallagher Permit.

NMWD claims that the installation of the 2nd Gallagher well is an urgent matter (a position with which we disagree)...so urgent that it overrides the need to study potential impacts to the creek and its Coho, an endangered species (a position with which we also disagree).

But if the matter is so urgent, then the quickest way forward is again that the County enforce the terms of NMWD's own CEQA analysis by incorporating them into the Gallagher Permit.

Save Our Seashore does not want to go always to the Coastal Commission, the State Water Board, or the Department of Fish and Wildlife to remind NMWD of its public trust obligations that rise to a critical level during dry year summers. Flows during dry year summers is a local issue that calls for a local solution by requiring NMWD to adhere to the summer dry year commitments in its own 2009 Initial Study pages 19-21 (emphasis ours) :

*The existing and new Gallagher Wells will pump water from surrounding gravels and indirectly from Lagunitas Creek...A reduction in the flow of Lagunitas Creek could have a significant impact on aquatic wildlife and fish in the stream between the Gallagher Wells site and the Coast Guard Wells site....The State has established minimum instream flows needed to support fish and wildlife in Lagunitas Creek [6 cubic feet per second as measured at the USGS Park Gauge from June 16 through November 1 of any dry year]. **These same minimum flows would be required in the section between the Gallagher Wells and the Coast Guard Wells to ensure that pumping from the Gallagher Wells does not reduce the minimum required flows to a level that adversely affects fish and aquatic wildlife. Unless flows are maintained at these required levels, there could be an increase in water temperature and a loss of habitat, and this would be a potentially significant impact on biological resources...If the minimum flows are not maintained, then NMWD will request (as part of its Intertie Agreement) that MMWD release sufficient water to Lagunitas Creek to reestablish at least the minimum flows.***

So NMWD's own CEQA commitment (above) is what we are requesting that Marin County incorporate into the Gallagher Permit:

If flows drop below 6 cubic feet per second at the Gallagher Gauge, then NMWD shall require Marin Water (per the terms of its Intertie Agreement) to release additional water above and beyond the state-required 6 cubic feet per second measured at the Park Gauge so that NMWD can pump this additional water for its customers without impacting fish and wildlife in Lagunitas Creek. Should the State Water Board and the Department of Fish and Wildlife determine that a flow other than 6 cubic feet per second at the Gallagher Gauge is required to protect fish and wildlife, then that alternate flow shall trigger the Intertie Agreement.

If NMWD's CEQA analysis is defective, it must be rejected...but if it is fine, it must be followed.

Gordon Bennett, Save Our Seashore President

10

FINAL Minutes of Technical Advisory Committee
Virtual Meeting – No Physical Location
July 12, 2021

Attendees: Easter Ledesma, City of Santa Rosa
Gina Perez, City of Santa Rosa
Roberta Atha, City of Santa Rosa
Craig Scott, City of Cotati
Kent Carothers, City of Petaluma
Jennifer Burke, City of Santa Rosa
Colleen Ferguson, City of Sonoma
Drew McIntyre, North Marin Water District
Christina Goulart, Town of Windsor
Matt Fullner, Valley of the Moon Water District
Paul Sellier, Marin Municipal Water District

Staff: Pam Jeane, SCWA
Paul Piazza, SCWA
Don Seymour, SCWA
Brad Sherwood, SCWA
Lynne Rosselli, SCWA
Michael Thompson, SCWA
Peter Martin, City of Santa Rosa
Tony Williams, NMWD

Public Attendees: David Keller, FOER

1. Check-in
Drew McIntyre, TAC Chair, called the meeting to order at 9:08 a.m.
2. Public Comments
No public comments.
3. Recap of June 7, 2021 TAC meeting and approval of minutes
Moved by Craig Scott, City of Cotati, seconded by Jennifer Burke, City of Santa Rosa; unanimously approved. No public comment.
4. Water Supply Conditions and TUCO
Don Seymour, SCWA. Storage at Lake Mendocino is currently 28,800 acre-feet (AF) with a current release of 84 cubic feet per second (cfs). The average daily decline was 143 AF in June and increased to 172 AF in July. Observed storage on July 1 showed 1,270 AF above the developed threshold for the reservoir. As of July 12, the amount dropped to 617 AF and the reservoir is on track to drop below the threshold within the next 1-2 weeks, resulting in curtailments as authorized under the emergency regulation issued by the Division of Water Rights after its August 1 assessment. The curtailments limit any use in the upper Russian River to human health and safety needs and minimum stream requirements. As part of the Emergency Regulation, Sonoma Water and the Russian River Flood Control District will negotiate prior to September 1 regarding water availability this Fall. If demands on the upper Russian River don't change, the reservoir could reach minimum level by October 1. Storage at Lake Sonoma is currently 127,300 AF with a release of 101 cfs. The average daily decline was 320 AF in June and decreased to 250 AF in July as a result of reducing minimum stream requirements in the lower Russian River. The five-day average flow at Healdsburg was 30 cfs, with a current

flow of 23.7 cfs. The five-day average flow at Hacienda Bridge was 49 cfs, with a current flow of 42 cfs. Frank Mello, Operations Coordinator, was given kudos for his effort and oversight in managing flows and overseeing releases. Drew McIntyre, NMWD, asked how the information on diversions will be conveyed. Don Seymour responded that, although the TUCO requires monthly reports, Sonoma Water is reporting weekly through its hydrological report to the State Board and the information will be shared with the water contractors and posted on the website. No public comments.

5. Sonoma Marin Saving Water Partnership

a. Water Production Relative to 2013 Benchmark

Drew McIntyre, North Marin Water District. Refer to handout. Water use for May 2021 was 24% below the 2013 benchmark and year-to-date water use is 13% below the 2013 benchmark. Future updates will also show 2021 Russian River diversions vs 2020 starting July 1 based on the State Board's order calling for a 20% reduction in diversions from the Russian River. No public comments.

b. Drought Outreach Messaging and TUCO Term 9 Reporting

Paul Piazza, SCWA. Refer to handout. Photos were shared from the very successful "Drought Drop By" event on June 12. This three-county, regional event distributed approximately 10,000 water saving kits to the general public at 16 locations. Two additional events are planned - August 21 and October 9. The "Saving Water Challenge" was launched on July 1 and includes opportunities to win prizes and 31 tips to save water. Other outreach events and messaging include participation at the Sonoma County Fair "Fun Fest", a Gray Water Webinar Series (in conjunction with Daily Acts) and a Trusted Messenger video with local business and community leaders. The fourth of six monthly TUCO Term 9 reports was submitted in early July detailing all the outreach efforts and the Partnership's conservation programmatic savings of 5.5 million gallons in the first four months. No public comments.

6. Potter Valley Project Update

Pam Jeanne, SCWA. There have been no significant changes since the last update. A 1-½ day, in person, workshop with Sonoma Water and its partners, CalTrout, Round Valley Indian Tribes, Humboldt County and Mendocino County Inland Water & Power Commission, is scheduled for later this week. Future plans will be discussed related to the status report due to FERC by mid-September. PG&E is operating under a FERC variance which was recently put out for comment and will continue as issued until at least August. **Public Comment:** David Keller, FOER, referenced a Press Democrat article on \$3 million in funding for studies related to this project and asked about the likelihood of receiving them. Pam Jeanne, SCWA, responded that there is a lot of support at the State level, but confirmation won't occur until after legislative break in September.

7. SCWA Capital Improvement Projects Update – Inflatable Dam & RR Crossing

This item was continued to the August 2, 2021 WAC/TAC meeting.

8. Regional Water Supply Resiliency Study Update

Don Seymour, SCWA. At the request of TAC leadership, Jacobs has refocused its efforts on modeling drought scenarios and responses. The model is functioning and work has begun on validation and calibration. Jacobs will meet with each of the partners to identify data gaps and identify drought issues and interests specific to each

contractor. Jacobs has met with Santa Rosa and additional interviews should be completed by the end of July with a goal to look at baseline scenarios by September. No public comments.

9. Items for Next Agenda

- SCWA Capital Improvement Projects Update
- State Water Board Tracking – 20% Reduction
- November/December Allocation(s)

No public comments.

10. Check Out

Meeting adjourned at 9:57 a.m.

11

DISBURSEMENTS - DATED AUGUST 5, 2021

Date Prepared 8/2/21

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	Akouka, Guillaume	Refund Overpayment on Closed Account	\$97.88
2	Alpha Analytical Labs	Lab Testing	235.00
3	Amazon/Genuine-Hardware	Lab Supplies (\$51), Laserprinter (Accounting) (\$370), Mop for Lab (\$32), Adjustable Desk Risers (2) (Engineering (\$662) & Radio Cell Modem Parts (\$295)	1,442.59
4	American Family Life Ins	July AFLAC Employee Paid Benefit	3,085.53
5	Arrow Benefits Group	June Dental Expense	1,709.41
6	A.S.T.I.	Annual Fire Service Testing (22)	2,295.00
7	AT&T	July Internet Connection	90.25
8	AT&T	Telephone (\$69), Fax (\$89), Leased Lines (\$142) & Data (\$286)	587.13
9	Bold & Polisner	June Legal Fees General (\$10,800) & Potter Valley FERC - NMWD Portion (\$113)	10,912.50
10	Charles Custom Welding	Welding Services: John Deer Loader & Vacuum	660.00
11	Chiandotto, Mara	Novato "Cash for Grass" Rebate Program	741.00
12	Diesel Direct West	Gasoline (1,998 gal) (\$8,088) & (Diesel (621 gal) (\$2,632)	10,719.95
13	Feigon, Susan	Refund Overpayment on Closed Account	145.53
14	Fiserv/Bastogne Inc.	Return Payment-Unable to Locate Account	57.47
15	Fishman Supply Co	Ear Plugs (800)	101.25
16	Fisher Scientific	Electrode Storage Solution (Lab)	72.71
17	Fontana, Sandra	Novato "Pool Cover" Rebate Program	75.00

Seq	Payable To	For	Amount
18	Gateway Commons	Refund Excess Advance Over Actual Construction Job Costs-Gateway Commons Fire Service	3,670.89
19	Goodpaster, Stacie	Exp Reimb: AWWA Membership Renewal (9/1/21-8/31/22)	294.00
20	Grainger	Miscellaneous Maintenance Tools & Supplies	1,725.69
21	Greene, Stefan	Novato "Water Smart Landscape Efficiency"	200.00
22	Hach Co.	Ampule Kit (Lab)	343.11
23	Hacker, Carlene	Novato "Water Smart Landscape Efficiency"	124.00
24	Hiebel, Norma	Refund Overpayment on Closed Account	218.62
25	Holton, Nancy	Exp Reimb: Office Supplies Due to Working Remotely	76.62
26	Kehoe, Chris	Exp Reimb: Safety Boots (\$200) & Water Systems Operation & Small Water Systems Training Series (\$336)	535.50
27	Marin County Tax Collector	LAFCO Expense Allocation FY21/22 (Budget \$15,000) (7/21-6/22)	13,087.57
28	County of Marin	Encroachment Permit (381 & 350 Alameda Del Prado)	448.54
29	McLellan Co, WK	Misc Paving	5,625.22
30	McLaughlin, Patricia	Novato "Pool Cover" Rebate Program	75.00
31	McMaster-Carr Supply Co	Fittings for OM Transfer Pump (\$302) & Electric Enclosure for OM Ponds (\$210)	512.30
32	Moraes, Anthony	Refund Security Deposit on Hydrant Meter Less Final Bill	711.01
33	NMWD Employee Association	Dues (4/30/21-7/15/21)	1,355.00
34	Novato Sanitary District	April (\$25,500) & June 2021 RW Operating Expense (\$23,397)	48,896.57
35	NSI Solutions, Inc.	QC Samples	341.00
36	Office Depot	Misc Office Supplies	473.07

Seq	Payable To	For	Amount
37	Pace Supply	Box Lids (2) (\$415), Flange (\$117), Corp Stops (18) (\$1,148) & Gaskets (100)	1,720.42
38	Protection Engineering	Zinc Anodes (50)	2,990.80
39	Quincy Compressor	Labor to Diagnose Overheating Issue on STP Compressor	634.50
40	R & B Company	Brass Couplings (2) (\$96), Nipple, PVC Couplings, Flange (\$189), Tees (2) (\$709) & Gate Valve (\$1,665)	2,730.28
41	Staples Business Credit	Miscellaneous Office Supplies	304.45
42	Sundborg, Cindy	Novato "Pool Cover" Rebate Program	75.00
43	Synectic Technologies	Quarterly Phone System Maintenance	446.70
44	Target Solutions Learning, LLC	Additional Software Licenses (5)	691.40
45	United Parcel Service	Delivery Services: Sent STP Compressor Oil Samples & Thermometer for Calibration (Lab)	40.55
46	Univar	Sodium Hypochlorite (200 gal) (PRTP)	140.02
47	VWR International LLC	Graduated Cylinders (\$98), Sulfuric Acid, Buffers (\$146) & Detergent (\$98) (Lab)	387.49
48	Waste Management	Green Waste Removal	80.00
49	Weitz, Elizabeth	Novato "Pool Cover" Rebate Program	75.00
50	Zenith Insurance Company	Worker's Comp Final Audit (5/1/20-4/30/21)	3,771.00
		TOTAL DISBURSEMENTS	<u>\$125,829.52</u>

The foregoing payroll and accounts payable vouchers totaling \$125,829.52 are hereby approved and authorized for payment.


08/02/2021
 Auditor-Controller Date


8/2/2021
 General Manager Date

DISBURSEMENTS - DATED AUGUST 12, 2021

Date Prepared 8/10/21

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:

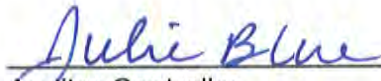
Seq	Payable To	For	Amount
P/R*	Employees	Net Payroll PPE 7/31/21	\$153,302.58
90405*	Internal Revenue Service	Federal & FICA Taxes PPE 7/31/21	68,813.19
90406*	State of California	State Taxes & SDI PPE 7/31/21	15,469.58
90404*	State of California	Unemployment Claim Quarter 4/01-6/30/21	106.95
90407*	CalPERS	Pension Contribution PPE 7/31/21	39,263.78
90408*	US Bank Card	Business License for WA State for Remote Employee (\$97), Emergency Towing for District Vehicle Accident (\$584), GFOA-Virtual Conference (\$535), Thermometer Recalibration Service (\$147), User License for Bluebeam Software (\$449), Zoom for Board Meetings (\$47), American Council of Engineering Reference Book (\$98) & Lab coat (2) (\$78)	2,034.72
1	All Star Rents	Propane (5 gal)	20.34
2	Alpha Analytical Labs	Lab Testing	270.00
3	Arrow Benefits Group	July Dental Expense	6,565.10
4	A.S.T.I.	Fire Service Testing 7/20-7/21/21 (25)	2,555.00
5	Buck's Saw Service	Small Tools Gas (\$130) & Chain File	159.87
6	Carbone, Mary Christine	Novato "Washer Rebate" Program	100.00
7	DataTree	July Subscription to Parcel Data Info	100.00
8	Deboi, Jeffrey	Novato "Toilet Rebate" Program	400.00
9	Direct Line Inc	August Telephone Answering Service	255.25
10	EKI Environment & Water, Inc.	Prog Pymt#8: Prepare 2020 Urban Water Management Plan Update (Final Payment)	2,667.60

Seq	Payable To	For	Amount
11	Electrical Equipment Co	Capacitors for Aerators @ STP (8) (\$108) & Breaker for Small Pump Station (\$1,115)	1,223.06
12	Fell, Justine	Novato "Toilet Rebate" Program	125.00
13	Ferguson, Marcee	Novato "Toilet Rebate" Program	250.00
14	Foley, Matthew	Novato "Washer Rebate" Program	100.00
15	Friedman's Home Improvement	Parts for O.M. Transfer Pump (\$233) & Miscellaneous Maintenance Tools & Supplies (\$116)	348.99
16	Grainger	Miscellaneous Maintenance Tools & Supplies	38.92
17	Hach Co.	Chlorine Reagents (1,000) (STP)	269.78
18	Idexx Laboratories	Reference Cultures (Lab)	301.93
19	Instrumart	Level Sensor for STP	678.12
20	Kozik, Francis	Novato "Pool Cover Rebate" Program	75.00
21	Lincoln Life	Deferred Compensation PPE 7/31/21	8,779.41
22	Maltby Electric	Parts & Material for E/M	442.66
23	County of Marin	Encroachment Permit (300 Montego Key)	448.54
24	Marin Reprographics	Color Scanning Services (95) (Office/Yard Building Refurbish)	361.31
25	Marin Pool Service	Replacement Check: Original Lost it Mail (Refund Security Deposit on Hydrant Meter Less Final Bill)	635.49
26	McLellan Co, WK	Misc Paving	71,860.48
27	McMahon, Kay	Novato "Water Smart Landscape Efficiency Rebate" Program	32.94
28	McQuinn, Sue	Novato "Pool Cover Rebate" Program	75.00
29	MSI Litho	Novato (\$1,352) (750) & Point Reyes (\$609) (150) Annual 2021 Water Quality Reports	1,961.66
30	Nationwide Retirement Solution	Deferred Compensation PPE 7/31/21	1,020.00
31	North Marin Auto Parts	Miscellaneous Maintenance Tools & Supplies	657.09

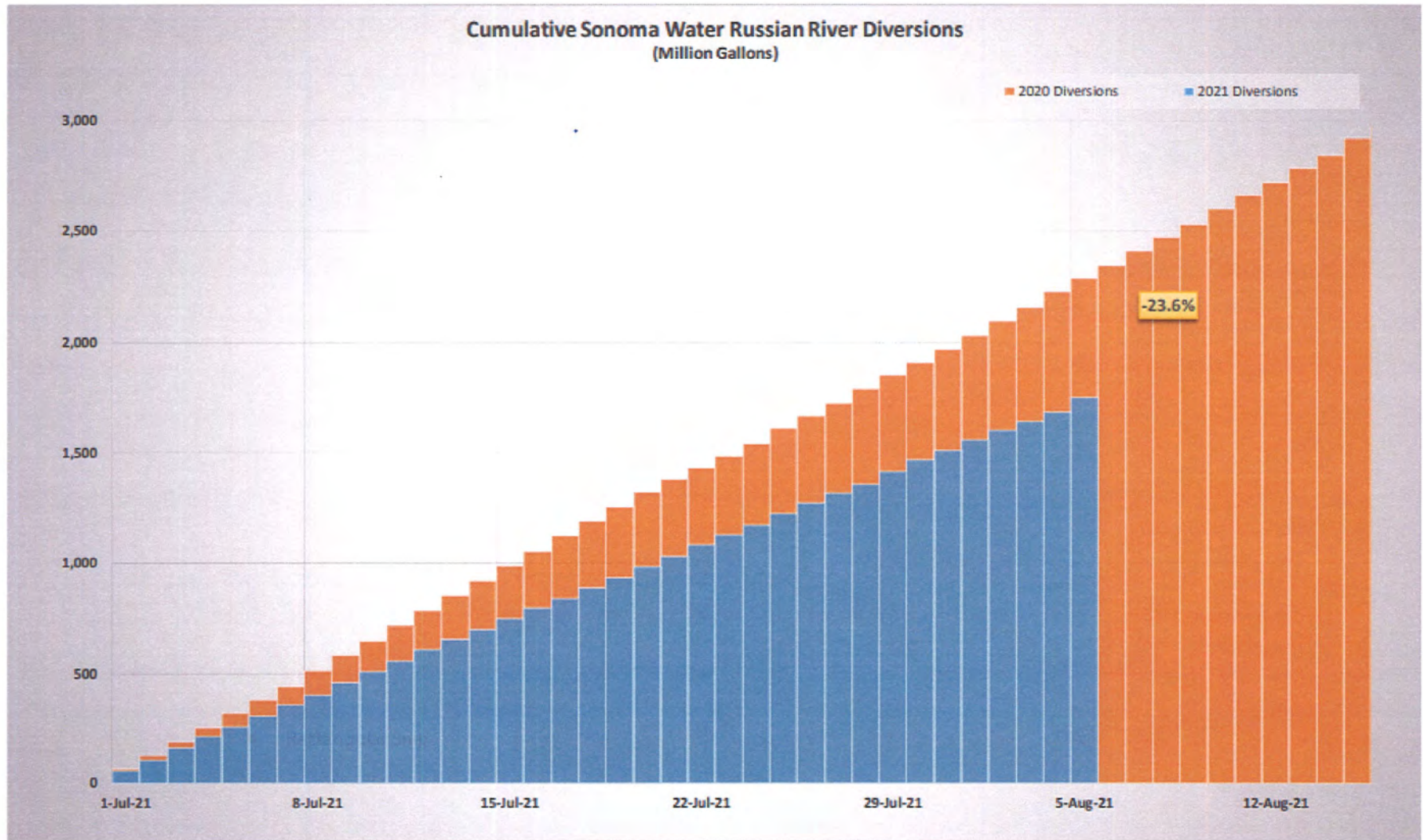
Seq	Payable To	For	Amount
32	Office Depot	Office Supplies	303.32
33	Parkinson Accounting Systems	Annual Maintenance on Accounting Software (8/1/21-7/31/22) (\$600) & July Accounting Software Support (\$293)	892.50
34	Pini Hardware	Miscellaneous Maintenance Tools & Supplies	671.98
35	Pipette.com	Service on Pipette Equipment (Lab)	151.00
36	Prunuske Chatham Inc	Prog Pymt#11: Leveroni Creek Embankment Repair (Balance Remaining on Contract \$14,093)	2,627.50
37	Quadient, Inc.	September Postal Meter Rental	143.09
38	R & B Company	Bolts (500) (\$1,194), Nuts (100), Couplings (5) (\$1,719), Flanges (4) (\$369), Hydrant Extensions (10) (\$1,356), Nipples (80) (\$2,832), Corp Stops (25) (\$1,411), Tee (\$265) & Pipe Joiner (\$1,080)	10,325.83
39	Recology Sonoma Marin	July Trash Removal	541.78
40	Rice, Kimberly	Refund of Deposit/New Development/WC Restriction-Novato	1,000.00
41	Rieger, Minda	Novato "Pool Cover Rebate" Program	75.00
42	Rotary Club of Novato-Sunrise	Annual Dues (McIntyre) (7/21-6/22) (Budget \$150)	162.00
43	Andrew Sims & Ako Walther	Novato "Washer Rebate" Program	100.00
44	South Bay Foundry	Valve Caps (118)	2,778.25
45	Stone, Norman	Novato "Pool Cover Rebate" Program	75.00
46	Syar Industries Inc	Sand (15 yds)	932.54
47	Thatcher Company of California, Inc.	Ferric Chloride (20 tons)	14,197.63
48	T & T Valve & Instrument Inc	Rebuild Parts for STP Filter Valves	628.71
49	Underground Service Alert	Regulatory Cost for 2020 California Underground Service Alert Tags (3,343)	4,668.17
50	Van Bebber Bros	Pipe for Hydrant Locks	104.78

Seq	Payable To	For	Amount
51	Verizon Wireless	Cellular Charges: Data (\$1,177), Airtime (\$134) & iPads for Asset Management (\$200)	1,510.98
52	Verizon Wireless	July SCADA & AMI Collectors (\$650)	810.84
53	Wendt, Marc	Novato "Pool Cover Rebate" Program	75.00
		TOTAL DISBURSEMENTS	<u><u>\$424,545.24</u></u>

The foregoing payroll and accounts payable vouchers totaling \$424,545.24 are hereby approved and authorized for payment.

	<u>08/11/2021</u>
Auditor-Controller	Date
	<u>8/11/2021</u>
General Manager	Date

Sonoma Water River Diversions (July 1 - August 5, 2021)



MEMORANDUM

To: Board of Directors
From: Ryan Grisso, Water Conservation Coordinator *RG*
Subject: Summer 2021 Drought Mailer
V:\Memos to Board\Summer 2021 Drought Mailer.doc

August 13, 2021

RECOMMENDED ACTION: Information Only
FINANCIAL IMPACT: Included in FY 2021/22 Budget

The Summer 2021 Drought Mailer (mailer) is attached for your information (Attachment 1). This mailer focuses on the water use prohibitions and conservation tips to help get through this drought period in the Novato Service Area. It is expected to be distributed to around 25,000 postal customers in the three zip codes that encompass the Novato Service Area (94945, 94947, and 94949). This is an increase of 7,000 additional pieces distributed compared to the Waterline newsletter quantity we send out due to the Waterline being sent to specific customer addresses (with duplicate customers purged), while this will be sent to all postal recipients in the three Novato zip codes. The mailer is expected to be dropped on the week of August 23rd. A similar mailer is being produced for the West Marin Service Area and is expected to be mailed shortly after the Novato mailer.

Be a good neighbor.

Tips to help reduce your water usage during the drought.

PRSR STD
US POSTAGE
PAID
UNICORN GROUP
ECRWSS



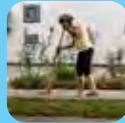
Water your landscape efficiently. Follow new rules for when you can irrigate! (See reverse.)



Don't run the dishwasher or washing machine unless they are full.



Turn off the water while you lather, shave, or brush your teeth.



Sweep off patios, decks, sidewalks and driveways with a broom rather than a hose.



Replace an inefficient toilet with a new high-efficiency model (rebates available).



Get a rebate of up to \$800 per household for replacing lawn areas with low water use landscape.



Find and fix leaks! Check your WaterSmart portal and/or water meter regularly and perform a toilet dye test.



Re-landscape with low water use plants. Look for the "water smart plant" label at local nurseries.

For more info visit nmwd.com/drought



**NORTH MARIN
WATER DISTRICT**

New Drought Rules

The Novato Service Area is required to reduce water use by 20% compared to the same period last year. The following mandatory measures are now in effect:



Gutter Flooding

Unreasonable irrigation overspray or run-off to the curb or gutter is prohibited.



Water Leaks

Check for leaks in your home! Leaks must be fixed no later than 3 days after being found.



Washing Vehicles

You must use a hose with an automatic shut-off nozzle when washing vehicles, trailers, and boats.



Washing Paved Areas

Don't use potable water to clean paved areas. Instead, use a broom to keep your patios, decks, sidewalks, and driveways clean.



Swimming Pools

There are new prohibitions about filling new swimming pools and refilling drained pools during the drought.



Water Fountains

Operating a decorative water fountain that does not recirculate water is prohibited.



Serving Water

Dining establishments will only bring customers a glass of water upon request.



Landscape Irrigation

Novato customers may only use overhead/above ground irrigation up to three days per week.

Odd numbered street addresses may water Monday, Wednesday, Friday.

Even numbered street addresses may water Tuesday, Thursday, Saturday.



**NORTH MARIN
WATER DISTRICT**

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
8/1/21	57.5	131	mg/L*
7/25/21	21.1	25.1	mg/L*

*milligrams per liter

If the sodium concentration reaches 115 mg/L (a value representing 10% of the recommended daily intake for sodium) NMWD will start 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. When the sodium concentration reaches the threshold, information about this program will be found at www.nmwd.com/wq where you'll also find the annual report concerning the high quality of the drinking water we serve to your tap.

James D. 'Jim' Fritz - Obituary

1924 - 2021



Jim only made it to 97 years, but he was certain he would live to be 100, jesting, he attributed the Fritz family's longevity to "the cryogenic effects if growing up swimming in the frigid waters of Lake Superior." Jim Fritz passed away in Napa, California.

Jim was born outside Montreal, Wisconsin to Don and Ruby Fritz. Jim lived in Novato, where he worked as Chief Engineer with North Marin County Water District. He was a member of St. Francis of Assisi Episcopal Church where he sang with the choir, and was a dedicated member of Novato Rotary and founder of Rotary Club of Novato Sunrise.

He leaves his wife, Beatrice Abbate; and his four children, Don, Laura, Susan and David. He has five grandchildren. He was preceded in death by his wife of 57 years, Marti Fritz.

Jim had a passion for the arts. He was a woodcarver, carpenter, an accomplished pianist, and sang in choirs internationally. He will be remembered most for his photographs, which he developed and printed. They are evocative of his love of nature, architecture, and candid moments of people. These images were collected on his extensive world travels. He inspired many of his friends and relatives to pursue travel, education, and community involvement.

Community was vital to Jim, from international projects bringing water to underfunded neighborhoods, to local engagement. His favorite Rotary project was Fishing in the City, where young children are introduced to fishing as a means to learn about the importance of nature.

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Tuesday, 08/10/2021 Page .A08

A-10—Novato Advance, Wednesday, September 13, 1989

Jim Fritz leaves NMWD



JIM FRITZ

James D. Fritz has finished his last work day for the North Marin Water District after more than 25 years.

Fritz, who received his civil engineering degree from the University of Wisconsin, was hired in 1964 as a Senior Engineer after first having worked 11 years as an engineer with East Bay Municipal Utility District. He became North Marin's Chief Engineer in 1969, and was also designated as officer of the District.

As the engineer-in-charge, Fritz has played an instrumental role in the planning, design and construction of water facilities for the Novato area which he saw grow from 18,000 consumers to 53,000.

He also designed facilities for the District's West Marin service areas which include the Point Reyes water system and the Occana Marin and Tomales sewer systems. He has played a vital role in helping achieve the high standards and reliable ser-

vice which are hallmarks of North Marin Water.

In the capacity of Chief Engineer, Fritz, with diplomacy and fairness, carried out the District's long standing policy that new growth pay its own way and he gained the respect of development engineers and engineers in other government agencies and utilities.

Jim and his wife, Marty, are long-time Novato residents. They have been active in local service organizations and involved in many community activities ranging from local opera to construction of senior citizen projects by the Novato Rotary.

Mr. Fritz was recently honored at a "arewe" dinner hosted by his co-workers and attended by 95 guests, including many of his friends, as well as his daughters Laura and Susan, son David, and their families.

Marin county drought tracker

Marin Independent Journal

The Marin County Drought Tracker features water supply and water conservation numbers for Marin Municipal Water District, North Marin Water District and Sonoma Water.

Marin Municipal Water District

Total reservoir supply as of July 30: 41.2%; 32,787 acre-feet Average water supply for July 30: 79.3%; 63,072 acre-feet Water conservation July 23 to July 29*: 24% (1% decrease from prior week) MMWD's mandated conservation target: 40%

North Marin Water District

Stafford Lake water supply as of July 29: 40%; 1,699 acre-feet Average water supply for July 29 (since 1994): 60%; 2,590 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 July 25**: 22% (1% decrease from prior week) Novato mandatory conservation target: 20% West Marin water conservation as of July 25***: 37% (no change from prior update) West Marin mandatory conservation target: 25%

Sonoma Water

(supplies 25% of MMWD's supply and 75% of NMWD's supply) Lake Mendocino supply: 31.9%; 25,404 acre-feet Lake Sonoma supply: 50.1%; 122,801 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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1,081-home plan draws concerns

NOVATO

Size, water use, traffic issues raised over Fireman's Fund site

Marin Independent Journal

By Will Houston

whouston@marinij.com

Developers seeking to transform one of Marin County's largest commercial properties into a 1,081-home neighborhood received mixed reviews this week from city residents during the project's first public hearing.

Bay West Development is proposing the housing on the nearly 65-acre former Fireman's Fund Insurance Co. campus at 777 San Marin Drive in Novato. The campus, the largest non-retail commercial property in the county, has been vacant since the insurer moved to Petaluma in 2015.

The San Francisco-based developer and the Colorado-based Forum Investment Group purchased the campus in a joint venture in January from DW Partners, a firm in New York City. The owners declined to disclose the sales price, but records from the Marin County Assessor-Recorder's Office indicate the price was in the range of \$28 million.

A recurring concern voiced by attendees at the virtual community meeting held on Thursday evening was that the number of proposed homes was too large. The ongoing drought prompted several speakers to raise concerns about whether the redevelopment would demand too much water supply, while others expressed concerns about parking and traffic.

"We know that the property will be developed. My comment is density is way too high," Novato resident Bill Wolff told the developers.

Novato resident Seth Shorett said the housing density "strikes the right balance" for the size of the property. However, Shorett and others questioned whether the developers plan to incorporate some commercial space into the plans, given that the campus is one of the last remaining commercial sites in the city.

“Novato has a dearth of commercial space and is way out of balance in commercial space versus residential,” said Shorett, a board member for the Novato Chamber of Commerce.

If built, the development would make a sizeable dent in the city’s state-mandated housing development targets. The Association of Bay Area Governments is proposing Novato build more than 2,000 new homes priced at various levels between 2023 and 2031.

Bay West partner Pete Beritzhoff and associated landscaping and design contractors addressed questions raised at the meeting and provided more granular details about their proposal. They released their conceptual plan last week.

“Our intention is to always take a methodical approach here and start with some strong feedback from the community and design review before we advance our plan,” Beritzhoff told the attendees. “We will be using what we learned tonight as we take the next steps.”

About 35 acres of the site would be developed into for-sale homes and rentable apartments divided among eight blocks. The conceptual plan includes 161 two-story detached homes on three blocks at the western side of the property.

The eastern side of the property, closer to transit and Highway 101, would have buildings of two to five stories containing apartments and potential senior housing. That part of the project would have 921 residences.

The site would be graded so that smaller single-family homes would be at the highest elevation and the taller apartment buildings ranging up to 55 feet would sit at a lower elevation.

The three office complexes and the artificial pond on the campus would be removed.

Novato city code would require 20% of the homes to be priced at affordable levels, though the city can also waive this requirement if the developer agrees to pay a fee.

Open space would make up about 26 acres, mostly on the perimeter, and would include new amenities such as gathering spaces, play areas and trails connecting to Mount Burdell that will be available to the general public.

Bertzhoff disagreed with concerns that he was proposing too many homes, especially given the property’s proximity to public transit options such as the Sonoma-Marín Area Rail Transit station just across the street.

“I really don’t feel like we’re pushing the envelope here,” Beritzhoff said.

As for water concerns, city staff said all of the site’s landscaping will be watered using the existing recycled water system on the property. Landscaping makes up about 50% of Novato’s water use during the summer months.

City Planning Manager Steve Marshall said all development projects are referred to the city’s supplier, the North Marin Water District. While he acknowledged the drought is a concern for the city, Marshall also said the project is several years from beginning construction and that the city may have other supply options by that time.

The North Marin Water District is planning to study options for new water supply sources for Novato this year in response to historic dry conditions.

Additionally, traffic studies will be performed to address impacts to roads such as San Marin Drive, Marshall said.

While Bay West Development has not released the number of parking spaces it plans to include, Beritzhoff said it will meet state mandates.

“We are highly in tune to what the market needs from a parking standpoint and we’ll be providing it while meeting the rule of the law here,” he said.

State housing laws in recent years do allow certain developments to provide fewer parking spaces if certain conditions are met, such as being close to public transit options.

However, some residents raised concerns about the developers not providing enough spaces and assuming that residents in the apartment buildings would rely on the SMART train for their commute.

More information about the proposal and upcoming meetings can be found at bit.ly/3ydruXX

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Saturday, 07/31/2021 Page .A01Copyright Terms and Terms of Use. Please review new arbitration language here

Supervisor touts conservation, growth amid water shortage

Marin Voice

Marin Independent Journal

By Dennis Rodoni

Water supply is a complicated issue in California and throughout the West — even when there's no drought.

This year's drought reminds me of 1976-77, when all of us placed bricks in our toilets and made lifestyle changes to save water. Some say this year is the driest in Marin County in 150 years.

During my 20 years on the North Marin Water District board of directors, I learned that nothing is for certain and good planning is necessary to have an effective response to any emergency. Marin Municipal Water District and North Marin Water District, along with the Sonoma County Water Agency, have done just that with excellent water-reducing programs and rebates through the initiative known as the Sonoma Marin Water Saving Partnership.

They also planned for this drought by increasing our recycled water supply to offset potable through their work in the North Bay Water Reuse Authority. In the North Bay, we now produce up to 5,000 acre-feet per year, or 1,800 million gallons, of recycled water. One acre-foot of water per year is enough to serve two or three single-family homes. In Marin, 1,500 acre-feet of recycled water is produced, saving 500 million gallons of potable water. Millions of dollars have been invested in this water option and we can expand its uses.

Both conservation and recycled water increase the supply of water by reducing demand or providing an alternative. What we haven't been able to do is identify additional supply for our potable water. Using financial resources on raising dams, developing wells or building a desalination plant are often considered when we have a drought, but lose support when the drought ends. And there are tremendous challenges, environmental risks, and hefty costs in undertaking those efforts.

I am a big fan of having as many solutions in the toolbox as possible, including anything that produces more water, but the reality is that we must live within our current supplies short of buying more rights to Russian River water, piping in water from the East Bay or desalination.

So how do we do that? Collectively, we waste a lot of water in our homes, mostly in our landscapes. We often fail to fix a leak, rarely check out irrigation systems for problems and overwater most of our plants. Taking advantage of rebates and conservation has cut our per-capita water use by 35% compared to the state's 20% reduction target by 2020, and there is still more room to improve.

Secondly, all water districts need to switch to real-time monitoring of water usage. The technological capacity is available, and we must use it. Real-time meter monitoring and other solutions are readily available and already being used in some areas of Novato.

Recycled water and the purple piping used for recycled water need to be expanded and required in every new development. And landscaping should only be allowed if it is served by recycled water, with an exception for food production. This should include requirements to use recycled water in toilets in commercial and large residential developments.

Homeowners should consider installing a catchment tank to collect roof runoff. It takes just one good storm to fill a 2,500-gallon tank. That water should be used for vegetable gardens, washing patios or walkways, and in an emergency for potable water.

Part of being a sustainable community is continuing to provide well-paid jobs and housing to support those jobs. The drought should not stop us from building new housing for seniors, affordable housing for lower wage workers and general workforce housing. Those developments should be designed to be water efficient with very little landscaping and other outdoor water usage. Right now, new developments in Marin are prohibited from using the potable water supply on landscaping or required to use recycled water if they do install landscaping.

The Marin and North Marin districts say that less than 1% of their water supply goes to new development. This is a small sacrifice for sustaining our local economy.

I think we can afford a small increase in water demand to save jobs, create housing and sustain Marin's economy. Don't you? *District 4 Supervisor Dennis Rodoni is president of the Marin County Board of Supervisors and previously served 20 years on the North Marin Water District Board of Directors.*

Recycled water and the purple piping used for recycled water need to be expanded and required in every new development.

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Utilities consider rationing of water

WEST MARIN

Marin Independent Journal

By Will Houston

whouston@marinij.com

Thousands of West Marin residents could soon be placed under mandatory water rationing rules enforceable through service shutoffs and fines as large as \$500.

The Stinson Beach County Water District will consider an ordinance on Aug. 21 that would limit households to a 125-gallon allotment per day if supplies dip low enough. The Inverness Public Utility District will consider adopting its own rationing rules on Aug. 25 but has yet to define what the allotment could be. Both communities follow the lead of Bolinas, which has been under a water rationing watch since February.

Inverness experienced its driest year on record in 2020-21, receiving only 15 inches of rain when it would normally get an average of 38 inches. The district, which serves 1,100 people, relies almost entirely on water from seven creeks on the Inverness Ridge for its supply.

“A couple of them are virtually dry now,” said Wade Holland, the district’s customer services manager. “It’s troubling.”

On Monday, the Inverness district enacted its first-ever mandatory water restrictions that prohibit all outdoor uses of potable water, including sprinkler systems, drip irrigation, refilling pools and washing cars. Residents are still able to use a hose nozzle or watering can for spot watering. Violations can result in a misdemeanor charge with fines ranging from \$1,000 to \$10,000 and up to 30 days in jail.

The creeks that replenish the district’s 10 storage tanks have dried out more quickly than anticipated, Holland said. While creek flows normally would keep the storage tanks at or near their full 440,000-gallon capacity, the tanks are now only filling up 75% and dropping lower every week.

“It doesn’t take long to get to the point where you’re just empty,” Holland said.

While residents have significantly cut back their water use, the creek flows are not meeting daily demands. The district is having to tap emergency wells as a result just to keep up, Holland said.

Water demand for the entire system in July was 63,100 gallons per day, down from 103,300 gallons. The water district supplies also have had more demand as a result of the pandemic when weekend homes began to be occupied full time, Holland said.

How long the district has until it could run out of water is not clear, Holland said.

“It’s impossible to predict,” Holland said. “There is no historical model.”

To avoid this outcome, the district is in early talks to obtain supplemental water supplies. While Holland declined to provide more details, he said the discussions do not include trucking in water.

“We are looking to get supplemental water into the system itself,” Holland said.

The Stinson Beach County Water District and the 2,000 residents it serves rely entirely on the Easkoot Creek watershed off Mount Tamalpais for supplies.

Being on the coastal side of the mountain provided enough rainfall to keep supplies ample for now, said Ed Schmidt, the district general manager, but that could change in the coming months, especially in the case of another dry winter. The district received just 13 inches of rain in 2020-21, nearly 60% below its average of 32 inches.

“We’re so fortunate here but we want to be prepared to do a mandate of 125 gallons per day,” Schmidt said.

The district board is expected to vote on the rationing rules at 9:30 a.m. Aug. 21. The ordinance, which is nearly identical to the one the district adopted in 2014 during the 2012-2017 drought, would require homes to use an average of 125 gallons per day. This equates to about a 20% reduction in average water use and is the same amount that residents in Bolinas are being asked to use, Schmidt said.

Water use would be tracked monthly. Households that use more than their allotment would receive a warning letter, followed by fines of \$100 to \$500 and potentially water service shutoffs if fines are unpaid. Additionally, the district will be charge \$100 for every 748 gallons of water that a household uses over its allotment.

Households with four or more people can apply to increase allotments to 145 to 185 gallons per day depending on the number of residents. Businesses are being asked to voluntarily reduce water use by 20%.

While the ordinance would officially take effect on Sept. 1, the rationing will only kick in if the district's water storage drops to 70% or below its capacity.

The district uses five wells to pump water and can store up to 1.25 million gallons at a time. As of Monday, the district's storage was at 85% and has remained consistent, Schmidt said.

"In the last two months, not one day have we gone down to 70% of our storage," Schmidt said. "We think that the water supply, if and when it does drop, it will drop slowly."

Meanwhile, the district is looking for new sources of water, including new wells and exploring the potential of a small portable desalination plant in the long term.

In Muir Beach, the local water supplier enacted a 25% conservation mandate on July 12 for the nearly 340 residents it serves.

"This is the earliest we have gone to our mandatory conservation," said Mary Halley, manager of the Muir Beach Community Services District. "Last year, it didn't even get triggered until mid-September. Sometimes it won't be until October or November."

The small coastal community relies entirely on groundwater pumped alongside Redwood Creek. The district is able to store about 300,000 gallons at a time in two water tanks, which is enough to last about two to three weeks of demand.

When the district enacts mandatory conservation, measures is determined by Redwood Creek. The mandate takes effect once the creek starts to dry to the point that it is no longer a continuous flow but instead disconnects into pools.

The district regularly monitors its wells and is currently installing a system that will allow it to do so automatically rather than manually, Halley said. How much longer the groundwater supplies will last is unclear, however, and the district will adapt to changes as needed, Halley said.

"We're all in really new territory here if we don't get rain this winter," Halley said.



A small stream from Inverness Ridge flows past the Point Reyes shipwreck in Inverness in July 2020. The Inverness Public Utility District relies almost entirely on water from seven creeks on the ridge.

ALAN DEP — MARIN INDEPENDENT JOURNAL

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Tuesday, 08/03/2021 Page .A01

Landscaping restrictions eyed for new developments

MARIN MUNICIPAL

Plan would ban grounds needing potable water

Marin Independent Journal

By Will Houston

whouston@marinij.com

Lush green lawns and other thirsty plants might become a thing of the past for new housing developments in much of Marin County.

The Marin Municipal Water District is proposing to permanently prohibit new developments in its southern and central Marin service area from installing landscaping that would require potable water supplies. Landscaping using recycled water irrigation would be permitted under the proposal.

For those unable to access recycled water, the district could allow for the use of low-water plants.

The district's board enacted similar landscaping rules in July but limited the duration to the current drought.

Facing the possibility of depleting local reservoir supplies by next summer after two dry winters, the district needs a long-term and fundamental shift in how water supplies are used, board members said.

"I think we want to have a new policy that new development should be zeronet water for outdoors to the maximum extent possible," said Cynthia Koehler, the board's president, said at its meeting on Tuesday. "This isn't, we're going to have landscaping as usual and you're just going to figure out how to do that in an efficient way. We want a completely different approach to landscaping."

District staff plans to return to the board with potential options of what the regulations could look like, including examples of rules by water districts in arid areas such as Nevada.

The district is the largest in Marin and serves about 191,000 people. Landscape irrigation makes up about 50% of the district's total water use during the summer

months. The district recently limited outdoor sprinkler use to just one assigned day per week, enforceable by fines.

District staff did not provide an estimate of how much water savings a permanent restriction on new landscaping could generate. However, previously reported data regarding the district's efforts to convince residents to replace turf with more water-conscious landscaping give some indication.

About 79% of properties served by the district have turf grass. Earlier this year, the district tripled its turf replacement rebate from \$1 to \$3 per square foot and has set a target to have about 0.1 square miles of turf, or about 6% of the total turf area in the district. If this is achieved, the district estimates it would save about 177 acre-feet of water each year, or about 6% of the district's total potable water demand in 2020.

Of its target to replace 400,000 square feet of turf each month, the district replaced about 36,700 square feet in June and 86,000 square feet in July, according to Carrie Pollard, the district water efficiency manager.

Board members debated Tuesday about how specific the new restrictions should be or what exceptions could be included. There was general consensus that ornamental landscaping used primarily for aesthetics should not be allowed.

Board member Larry Russell suggested that new developers should have to pay to extend the recycled water pipes to their properties if they plan to install the landscaping or pay a fee that would aid the district in expanding its system.

"It's time to take a fresh look at this issue and be creative," Russell said.

Board members disagreed over whether to allow developers to pay a fee to bypass the requirement, similar to what some communities allow developers to do to bypass affordable housing mandates.

Marin County Community Development Director Tom Lai said the proposal would be one method of addressing the competing challenges of providing water to existing customers while still allowing housing production needed for projected growth and to meet state mandates.

"One concern would be that this could increase the cost for new housing development, particularly on affordable housing, if the development is required to bear the cost of extending the infrastructure for recycled water," Lai wrote in an email. "This is an initial impression made without the benefit of seeing any final proposal or adopted ordinance."

The proposal also raised questions about what the district will define as fundamental versus ornamental landscapes and about the potential of creating heat islands — urbanized areas that have higher average temperatures because of a lack of greenery and a higher concentration of heat-absorbent roads, buildings and other structures.

The district is also drafting potential rules that would suspend most new water service hookups. The district estimates the water saved during the next year based on current projects being considered would be about 0.1% of its total annual demand.

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Friday, 08/06/2021 Page .A01 Copyright Terms and Terms of Use.

Strict watering rules approved for West Marin

DROUGHT CONCERNS

NMWD places limits on sprinklers, drip irrigation

Marin Independent Journal

By Will Houston

whouston@marinij.com

About 1,800 residents in West Marin are now limited to turning on their outdoor sprinklers to one day per week and their drip irrigation to two days per week or face fines up to \$500 under new drought rules adopted this week.

The North Marin Water District Board of Directors voted unanimously to approve the stricter watering rules on Tuesday as a way to conserve supplies for Lagunitas Creek and to comply with an existing agreement with Marin Municipal Water District.

The new restrictions apply to district customers in Inverness Park, Olema, Point Reyes Station and the Paradise Ranch Estates who are served by three water wells in the Lagunitas Creek watershed.

These communities have already been under drought restrictions since early 2020, which require them to cut back water use by 25% from July through October. The previous rules allowed residents to use overhead sprinklers two days per week and drip irrigation three days per week.

Violations will result in initial warnings followed by fines ranging up to \$500 and potential water service shutoffs for repeat offenders.

Ken Levin, president of the Point Reyes Station Village Association, said West Marin is used to difficult dry periods and has supported the conservation measures. West Marin ratepayers have well exceeded their mandate, conserving by 37% compared to water use in June 2013.

“We are already conserving and we will continue to do so during this unprecedented drought,” Levin said. “Brown is the new green.”

The water district adopted the new restrictions on sprinkler use and drip irrigation in response to Marin Municipal Water District, which adopted similar rules in July.

The two water districts have an agreement in which Marin Municipal Water District will release water from its largest reservoir at Kent Lake into Lagunitas Creek should North Marin Water District's well pumping cause the creek flows to dip below a state-mandated level. Part of that agreement requires the West Marin service area to have similar conservation rules in place as Marin Municipal Water District, said North Marin Water District General Manager Drew Mc-Intyre.

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Saturday, 08/07/2021 Page .A01 Copyright Terms and Terms of Use. Please review new arbitration language here

Desalination option shelved; focus now on bridge pipeline

MARIN MUNICIPAL

Water district to study feasibility of span project

By Will Houston

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The Marin Municipal Water District is shelving plans to rent two desalination plants to avoid the potential depletion of water supplies by next summer and will instead focus efforts on a pipeline across San Francisco Bay.

Aside from the desal project's estimated price of \$30 million to \$37 million, the two temporary plants the district found would only be able to generate a quarter of its daily water needs if reservoirs go dry, said Ben Horenstein, the district's general manager.

"It isn't too attractive if that's your only option," Horenstein said.

By comparison, the proposed 5- to 6-mile pipeline across the Richmond-San Rafael Bridge could carry the 10 million to 15 million gallons a day the district says would be needed for vital indoor water uses. The district is looking to buy Central Valley water that would travel for more than 100 miles through various canals, reservoirs, water facilities and possibly the Sacramento- San Joaquin Delta before reaching the East Bay and being pumped over the bridge to Marin.

The district estimates that the project and the water purchases could cost \$60 million to \$88 million, but the pipeline could be a permanent fixture available for future droughts. The district built a pipeline across the bridge in 1977 when drought threatened to exhaust the water supply within 120 days.

However, unlike desalination, a pipeline does not guarantee the district will receive any water. The district is negotiating with several suppliers in the Sacramento Valley to buy water allotments from sources such as agricultural producers who choose to fallow their fields.

"We're continuing to talk with them and beginning to fashion what an agreement would look like in terms of ideally an option agreement where the decision to actually buy would be at some point in the future," Horenstein said.

Land is revealed as the water level continues to decrease at Soulajule Reservoir west of Novato in West Marin on Thursday.

PHOTO BY ALAN DEP — MARIN INDEPENDENT JOURNAL



Reclaimed non-potable water is used to irrigate the landscaping at Lagoon Park in San Rafael.

SHERRY LAVARS — MARIN INDEPENDENT JOURNAL

Whether the pipeline project is actually feasible and whether the district's board decides to proceed with it is expected to be made more clear in the coming two months, Horenstein said.

"If for whatever reason there were significant issues in that effort, we certainly have the opportunity to pivot back to the desal facility," Horenstein said.

The district and the 191,000 residents it serves in central and southern Marin face the prospect of running out of reservoir supplies as early as June if the upcoming winter is as dry as the last. The district's seven reservoirs in the Mount Tamalpais watershed are just 40% full after two consecutive dry winters, including the second lowest rainfall on record for the winter of 2020-21.

The reservoirs make up 75% of the district's water supply, with the other 25% coming from Sonoma Water imports. Those imports have already been reduced by 20% because of Sonoma Water's own supply issues at Lake Mendocino and Lake Sonoma. Imports could be reduced even more in the coming months if Lake Sonoma levels drop low enough.

If the district chooses to reconsider desalination, its staff would need to work at a breakneck pace to acquire the necessary state and federal approvals as well as to have the facilities to operate it. Aside from that, the desalination option must be approved by voters. In 2010, district customers approved Measure S, which requires the utility to gain voter approval before it can construct a desalination plant.

Horenstein said the district has no plans to put a measure before the voters.

Should the district cross all of these hurdles, the two temporary desalination plants the district found available in the market are only estimated to produce up to 3.6 million gallons per day, which is about a quarter of what would be needed.

The water district had previously considered building a permanent desalination facility in San Francisco Bay and tested two small plants in the 1990s and early 2000s. A permanent plant could have provided as much as 60% of the current potable water demand. However, the idea was shelved in 2010 after water use by residents and businesses continued to decline.

If the upcoming winter is as dry as the last and no additional water supplies are available, including a cessation of Sonoma Water imports, Marin residents could expect draconian conservation mandates.

Under this scenario, all outdoor water use would be banned and residents would be asked to cut water use by about 70%, from an average of 129 gallons per day to as little as 37 gallons, Paul Sellier, the district operations manager, told the board last week.

“We want to be cognizant of the fact that while we’re hoping that this drought is short term, it could be quite long-term in nature and we have seen that certainly in the past,” Sellier said. “And so I think it’s a fair question about sustaining this level of conservation.”

So far, the district’s customers have failed to achieve the 40% conservation mandate the district set in April. The most recent update shows ratepayers ramped up conservation to 28% this past week.

Ratepayers meeting the 40% conservation target is vital not only to stretch out existing supplies but also to buy some extra time for staff to get any needed emergency water supply projects in place, Sellier said. Assuming next winter is as dry as the last, the district’s estimation for when it could run out of reservoir supplies could be pushed from as soon as June to closer to September 2022 if ratepayers conserve by 40% or more.

“It’s got to be part of our DNA, regardless,” Sellier told the board.

Water supply forecasts also make it very likely that the conservation mandate will increase to 50% in December. A 50% conservation mandate is triggered when total reservoir storage levels dip below 30,000 acre-feet, or about 38%, as of Dec. 1. As of

Friday, total reservoir storage was at 32,129 acre-feet, with forecasts projecting it will dip below 30,000 later this month or early next.

One other option raised by district board member Larry Bragman last week was using freight trains to haul Central Valley water to Marin instead of the pipeline.

“I know it sounds a little off the wall, but we possibly could get that going faster than we could construct a pipeline,” Bragman said at the board meeting. “It’s just something that I think should be considered or at least looked into.”

Sellier said freight could work in concept but would be very challenging in practice. A typical freight tank car holds around 30,000 gallons, meaning as many as 500 cars would be required each day to meet the district’s water demands.

“You’d have massive lines of rail cars,” Sellier said.

Other board members were skeptical, saying the costs could reach as much as \$4,000 per acre-foot of water to haul and would require clean tanks. Cynthia Koehler, the board president, advocated for focusing those dollars on conservation projects such as turf replacement and expanding recycled water systems.

“That’s really where I think I’d rather see us putting our resources as a district before we’re looking at that kind of thing,” Koehler said at the meeting.



A fisherman walks the shoreline of Soulajule Reservoir, well below its normal level for this time of year, west of Novato on Thursday.

PHOTO BY ALAN DEP — MARIN INDEPENDENT JOURNAL

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Voters have role in Marin Municipal Water District shortage

Marin Independent Journal

Dick Spotswood

The opposition was led by those demanding low water rates with others fearing ample supply would lead to unwanted residential growth.

The welcome arch across Modesto's main street proclaims, "Water, wealth, contentment, health."

In essence, water, the first word, directly leads to the following benefits. The same formula applies to Marin. Now it's the scarcity of water that endangers our county's ability to enjoy the benefits of wealth, contentment and health.

The entire American West is enduring a drought of epic proportions. The globe's climate will only get warmer in the next 50 years. Marin is late preparing for that eventuality. Doing so isn't impossible but it comes with a hefty price tag and can't happen overnight.

Semi-arid San Diego County has already accomplished what Marin needs to do. They have a sufficient water supply that will last until 2045. Marin may run dry next year.

San Diego's water comes from the Colorado River and other secondary sources via long term contracts plus the agency's pioneering desalination plant in Carlsbad. That 6-acre, \$1 billion facility produces 50 million gallons of water a day, about 10% of the need of the county's 3,347,000 residents.

San Diego County Water Authority's water resources manager Jeff Stephenson reports his agency has raised the height of one of its dams. "It was easier than building a new dam." That action expanded the agency's "carry over capacity" for dry years. Their Prime Water Project, like a similar Santa Clara County experiment, will recycle runoff into drinking water, ideally providing 30 to 90 million gallons each day.

The authority and its 24-member agencies have, like Marin Municipal Water and North Marin Water districts, aggressively promoted water conservation. The result was usage decreased by 50% since 1990. Unlike their Marin counterparts, San Diego's Water Authority was equally determined to seek additional supplies and increased storage capacity.

That wasn't cheap. San Diego reports some of the highest water rates in California. The choice is inevitable: either a jurisdiction secures adequate water accompanied by high rates, or it has inadequate supplies at relatively inexpensive rates.

With the exception of a just commenced effort to return a water pipeline to the Richmond-San Rafael Bridge, MMWD has no water source or increased storage capacity projects under consideration. Conservation is surely part of the puzzle but further decreasing water use isn't enough.

Supply must be increased.

Part of the responsibility for lack of supply lies with MMWD's elected board and staff. That doesn't excuse the role central and southern Marin voters played.

On multiple occasions voters defeated ballot measures to transport more water from Sonoma. The opposition was led by those demanding low water rates with others fearing ample supply would lead to unwanted residential growth. Environmental activists scuttled preliminary desalination efforts.

In those days Marin wasn't facing a long-term drought. Like all Americans, Marinites have short memories. With rationing back, the same public is outraged water district directors were asleep at the switch.

Both MMWD and North Marin Water should examine additional supply options including desalination. When the professionals make their findings and district ratepayers have their say, water directors must make the hard decisions and not allow the process to drag on.

An opportunity arises in 2022. Two of the five MMWD board posts are up for election. Incumbent Jack Gibson represents San Anselmo, Terra Linda and North San Rafael. He's completing 24 years on the job. Board President Cynthia Koehler's constituents are in Mill Valley, Sausalito, Marin City and Tamalpais Valley. She'll be finishing her fourth four-year term.

Both are dedicated public officials and are committed to the status quo.

If the incumbents decide to run and are reelected it'll be a vote of confidence in the agency's current direction. If new qualified candidates emerge, then voters will be seeking long-term but costly water reliability. *Columnist Dick Spotswood of Mill Valley writes on local issues Sundays and Wednesdays. Email him*

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Powered by [TECNAVIA](#) Wednesday, 08/11/2021 Page .A11

Water district board VP makes case for bridge pipeline

Marin Independent Journal

Marin Voice

By Larry L. Russell

With rainfall and reservoir levels at historic lows, managing our water supply has never been more critical.

The effects of climate change are here — we are seeing them firsthand. We have had two consecutive dry years, and rainfall levels during the past 18 months have been the lowest we have on record in more than 140 years. As a community, we have faced drought before and we responded with remarkable conservation efforts that helped carry us through.

While conserving water remains vital to preserving our current water supply, the Marin Municipal Water District is answering the call to explore all available options to supplement our supply and build resiliency into our system.

Over the past year, Marin Water has increased the volume produced, as well as improved accessibility to, recycled water through our partnership with the Las Gallinas Valley Sanitary District. We are currently in the process of opening a recycled water filling station that will be available to all Marin residents. Studies are underway to locate groundwater sources and to determine the feasibility of caching flood water to be utilized during dry conditions.

We are carefully assessing long-term options like desalination, and weighing a myriad of factors including cost, timing, environmental issues and how much additional water supply each project may provide. During all of this careful consideration, the Board of Directors has not lost the sense of urgency. Reliably providing high quality water to our customers is our charge, and it is a charge not taken lightly.

As we continue to evaluate projects to secure additional water supply, constructing a pipeline across the Richmond-San Rafael Bridge has emerged as a strong option to increase Marin Water's supply long-term. The pipeline would also create an intertie into regional water sources, greatly improving our resiliency and our ability to respond to potentially catastrophic events, such as earthquakes.

To provide the needed water, the district has already taken proactive steps to identify and seek out agricultural and irrigation district water rights holders who routinely sell their current entitlements to clients like Marin Water. We are not simply putting another straw into already strained Delta supplies; this water is allocated and would be used for agricultural purposes if it were not used by us. We are simply redirecting it to be available to our customers.

This water would then be transferred through infrastructure facilities owned by other agencies, including East Bay Municipal Utility District and Contra Costa Water District, among others. The collaborative spirit and partnership of regional water agencies has been key to the early implementation of this project. In addition to working with our water agency partners, the district is working closely with CalTrans on an expedited construction timeline for the pipeline.

As we move forward in assessing the bridge pipeline, we are carefully weighing the cost benefit ratio. While exact figures are not yet available, we estimate the cost to be up to \$80 million. Because of our current strong financial position, we believe we can meet the financial needs a project of this scale will require through a combination of bond and possible grant funding opportunities, with only a one-time rate increase. We do not know how much rainfall will occur this winter. We do know that we may not be able to solely rely on our local water supply to carry us through times of severe drought.

Securing additional supply does not negate the need to continue to use water as carefully as possible, however. In fact, the ambitious timeline we are creating to achieve this project can only be successful through continued conservation efforts.

Our customers have always answered the call to conserve. Now is the time for the board to take bold action and ensure we are prepared to face this drought, as well as others in the future and all potentially catastrophic events (such as earthquakes) by increasing our water supply and resiliency.

Once again, we are asking you to use as little water as possible during this drought to help us all get through this crisis. *Larry L. Russell of Tiburon is vice president of the Marin Municipal Water District Board of Directors.*

The district has already taken proactive steps to identify and seek out agricultural and irrigation district water rights holders who routinely sell their current entitlements.

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Thursday, 08/12/2021 Page .A11Copyright Terms and Terms of Use.

Find ways to increase Marin water supply

Editorial

Marin Independent Journal

If the Marin Municipal Water District had plans to expand our water supply in commonsense preparation for a long-lasting drought, it hasn't been evident in its last-minute scramble to find more water.

The district's primary strategy has been conservation, which its customers exercised well enough to shelve the 2010 plan to build a desalination plant on San Pablo Bay. But now, faced with a historic drought, the district is asking its customers to cut back their water use even more — doubling down on conservation.

MMWD customers are having trouble reaching the district's 40% reduction goal. They've had trouble getting to 30%.

It appears that banking on conservation was a risky strategy as MMWD officials now warn its water supply could be tapped out by September 2022 if normal rainfall doesn't return or if another source of water isn't found.

Officials announced last week that they have taken a hard look at bringing in ships equipped with desalination plants and have scrubbed that idea. The plants couldn't generate enough to be worth the cost.

Now, the district is now focusing on building a pipeline to the East Bay to import water. The risk that strategy faces is this: What happens if those agencies at the other end of the pipeline face similar stresses on their water supply?

The district's decision in 1976 to start bringing in water from Lake Sonoma, which today represents 25% of the MMWD water supply, certainly has proven wise. Marin has outgrown the capacity of its seven reservoirs. But the Sonoma County Water Agency is facing the same drought conditions as Marin. Lake Sonoma is down to half its storage capacity and the agency has ordered a 20% reduction in deliveries, adding to MMWD's water supply crunch.

The reduction could be increased in the coming months as the level of Lake Sonoma drops.

At this point, with desalination shelved — again — MMWD has limited options and importing water from a pipeline across the San Rafael-Richmond Bridge appears to be the best one.

Given the crisis MMWD and its customers face, every possible option deserves to be on the table. Conservation needs to be among them, but the district can't gamble that it will be enough.

This time, the transbay pipeline needs to be a permanent connection and the district is already negotiating with Central Valley water suppliers to tap their supply.

The district's board will be making those decisions over the next two months.

The district needs to do more. It needs to take a look at dramatically expanding its storage capacity. That's long overdue.

Also, the district should aggressively expand its use of reclaimed water for outdoor irrigation.

That's also overdue.

Placing temporary restrictions on new commercial and residential buildings installing landscaping — which consumes about half of the district's daily water use — until we are out of this drought certainly makes sense.

By doing so, the district can reduce the drawdown on its now-limited supply.

Stopping new development by banning new water hookups would be more politically symbolic than effective in terms of saving water. Projected growth around the county is expected to have a limited impact on MMWD's water supply, but banning it would create serious economic hardships, from developers and financiers to construction workers and suppliers.

What's crystal clear is that MMWD is scrambling and the district's reliance on out-of-county water — and higher costs — will likely increase.

So, likely, will ratepayers' bills.

Facing a crisis is hardly the most opportune time to be planning and negotiating, but district board members' decision to bank so much on conservation rather than bolstering our supply put us in this quandary.

Maybe rain will help us out.

Maybe it won't. It's time to improve the odds that MMWD ratepayers have enough water to endure prolonged dry spells.

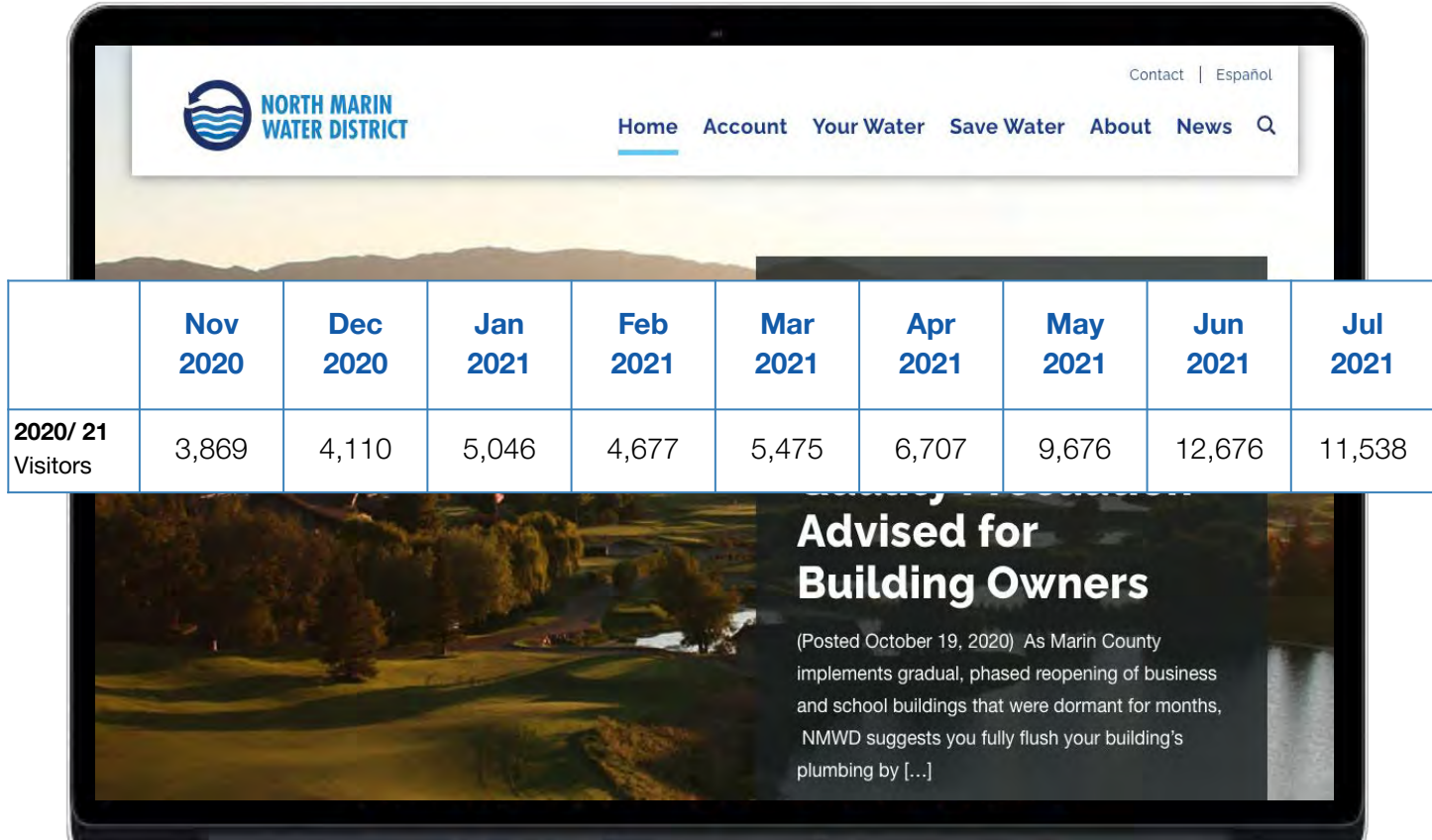


**NORTH MARIN
WATER DISTRICT**




Web & Social Media Report

July 2021

Website Statistics



Social Media Followers

	Nov-2020	Dec-2020	Jan-2021	Feb-2021	Mar-2021	Apr-2021	May-2021	Jun-2021	Jul-2021
 Facebook Likes	1,186	1,188	1,186	1,181	1,185	1,183	1,181	1,178	1,181
 Twitter Followers	14	17	21	24	29	28	35	42	44
 Instagram Followers	414	431	439	457	469	482	497	516	536



NMWD Most Visited Pages

Pages	Unique Pageviews	% of Total
Home	6,528	29.81%
Watersmart	3,800	18.29%
Online Billing	2,317	11.45%
Emergency Water Conservation Ordinances	1,471	5.90%
Novato Service Area Drought Guide	975	3.97%
Drought	562	2.45%
Save water outdoors	496	2.10%
Save water indoors	366	1.58%
Novato Water	353	1.51%
Contact	350	1.44%



July News

Drought is Here. Join the Saving Water Challenge.

(Posted July 12, 2021) Join the Saving Water Challenge and discover how small changes can make a big impact when it comes to saving water. See how many of the 31 water-saving tips you can adopt to reduce water use inside and outside your home.

Participants will be entered to win fantastic water-saving prizes – which include a high-efficiency clothes washer and toilet, smart irrigation controller and home water monitor, rain barrel, and much more! We invite you to challenge yourself, your family, and your friends to save water.

In order to participate in the Saving Water Challenge, you must be at least 18 years of age and:

1. A resident of Marin County whose water is supplied by North Marin Water District or Marin Water, or
2. A resident of Sonoma County whose water is supplied by the California American Water – Larkfield, City of Cloverdale, City of Cotati, City of Healdsburg, City of Petaluma, City of Rohnert Park, City of Santa Rosa, City of Sonoma, Valley of the Moon Water District, Town of Windsor.

We encourage you to challenge yourself, your family, and your friends to save water. Complete the Saving Water Challenge today, visit: savingwaterpartnership.org/challenge.



July News

Office Reopening to the Public

(Posted July 13, 2021) On Monday, July 19, North Marin Water District (NMWD) will reopen the office to the public for in-person business with reduced hours. Temporary business hours are Monday through Thursday from 10:00 am until 2:00 pm. NMWD's offices are located at 999 Rush Creek Place, Novato, CA 94945.

To maintain a safe place for employees and customers, all guidelines issued by the Centers for Disease Control and Prevention and the California Division of Occupational Safety and Health will be followed. These guidelines no longer require mask wearing for COVID-19 fully vaccinated individuals.

Customers are encouraged to remain current on their water bill payments and payments can be made online at <https://nmwd.com/account/online-billing/>. For questions about your bill or more information please call 415-897-4133 or email billing@nmwd.com. Phone hours will remain unchanged and are Monday through Friday 8:00 am through 5:00 pm (excluding holidays).



July News

Residential Recycled Water Fill Station for 2021

(Posted July 27, 2021) NMWD's Residential Recycled Water Pick-Up Program is back for the 2021 Drought. This program provides clean, safe, tertiary-treated recycled water to residential customers to pick up at a select location and time to be used for hand-watering of outdoor plants. There is an annual application fee of \$75. For more information click here: [Recycled Water Fill Station Guidelines and Application](#)

Due to current restrictions, NMWD's office is open to the public for in-person business with reduced hours. Temporary business hours are Monday through Thursday from 10:00 am until 2:00 pm. NMWD's offices are located at 999 Rush Creek Place, Novato, CA 94945.





July Social Media Highlights | Facebook



North Marin Water District

4 July · 🌐

Wishing all of our customers a happy and safe 4th of July! 🇺🇸



77 people reached | 2 engagements



North Marin Water District

10 July · 🌐

July is #SmartIrrigationMonth! Did you know we use recycled water to irrigate Stone Tree Golf Course, Marin Country Club, Fireman's Fund business park, Valley Memorial Cemetery and many school and city playing fields? Visit: [NMWD.com/your-water/recycled-water/](https://www.nmwd.com/your-water/recycled-water/)



72 people reached | 1 engagement

Engagements include likes, reactions, clicks and comments





July Social Media Highlights | Facebook

 North Marin Water District
13 July · 🌐

North Marin Water District customers are now required to reduce water use by 20%. Join the Saving Water Challenge and learn how simple changes can make a BIG impact when it comes to saving water. See how many of the 31 water-saving tips you can adopt to reduce your water use inside and outside your home! We invite you to challenge yourself, your family, and your friends to #savewater.

Participants will be entered to win fantastic water-saving prizes – which include a high-efficiency clothes washer and toilet, smart irrigation controller and home water monitor, rain barrel, and much more!
Complete the Saving Water Challenge today, visit: savingwaterpartnership.org/challenge. #droughtishere



102 people reached | 8 engagements

Engagements include likes, reactions, clicks and comments

 North Marin Water District
13 July · 🌐

Check for leaks in your home! Under the new prohibitions that took effect on July 1, leaks must be fixed no later than 3 days after being found. Visit NMWD.com/drought for more information. #droughtishere #savewater



68 people reached | 2 engagements





July Social Media Highlights | Facebook



75 people reached | 5 engagements



68 people reached | 3 engagements



Engagements include likes, reactions, clicks and comments



July Social Media Highlights | Facebook



North Marin Water District

17 July · 🌐

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: nмwd.com/meetings



57 people reached | 3 engagements



North Marin Water District

19 July · 🌐

Under the new prohibitions that took effect on July 1, 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://nмwd.com/drought) for more information. #droughtishere #savewater



1069 people reached | 119 engagements

Engagements include likes, reactions, clicks and comments





July Social Media Highlights | Facebook



North Marin Water District

21 July · 🌐

Re-landscape your yard with low water use plants. These plants minimize water loss and maximize water uptake. Visit nmwd.com/drought for more water saving tips. #northmarinwaterdistrict #cadrought #bayarea #droughtishere #savewater



96 people reached | 5 engagements

Engagements include likes, reactions, clicks and comments



North Marin Water District

23 July · 🌐

Under the new prohibitions that took effect on July 1, customers must use a hose with an automatic shut-off nozzle when washing vehicles, trailers, and boats. Visit NMWD.com/drought for more information. #droughtishere #savewater



51 people reached | 0 engagements





July Social Media Highlights | Facebook



North Marin Water District

6d · 🌐

Remember to turn off the water while you lather, shave or brush your teeth. It will help save water during the #drought. 💧 Visit nmwd.com/drought for more water saving tips.



48 people reached | 1 engagements



North Marin Water District

5d · 🌐

Did you know, there are new prohibitions about filling new swimming pools and refilling drained pools during the #drought? Visit NMWD.com/drought for more information. #CADrought #droughtishere #savewater



74 people reached | 7 engagements

Engagements include likes, reactions, clicks and comments





July Social Media Highlights | Facebook



North Marin Water District

4d · 🌐

You and your family can help #savewater by applying mulch to retain moisture and prevent soil erosion. Mulching could save you money on your water bill! Visit nmwd.com/drought for more water saving tips.



72 people reached | 4 engagements



North Marin Water District

2d · 🌐

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



54 people reached | 3 engagements

Engagements include likes, reactions, clicks and comments





July Social Media Highlights | Twitter



North Marin Water District @NorthMarinWater · Jul 4

Wishing all of our customers a happy and safe 4th of July! 🇺🇸



North Marin Water District @NorthMarinWater · Jul 10

July is [#SmartIrrigationMonth](#)! Did you know we use recycled water to irrigate Stone Tree Golf Course, Marin Country Club, Fireman's Fund business park, Valley Memorial Cemetery and many school and city playing fields? Visit [NMWD.com/your-water/rec...](https://www.nmwd.com/your-water/rec...)





July Social Media Highlights | Twitter



North Marin Water District @NorthMarinWater · Jul 13

Join the Saving Water Challenge and learn how simple changes can make a BIG impact when it comes to saving water. See how many of the 31 water-saving tips you can adopt to reduce water use and be entered to win prizes. #savewater #droughtishere savingwaterpartnership.org/challenge.



North Marin Water District @NorthMarinWater · Jul 13

Check for leaks in your home! Under the new prohibitions that took effect on July 1, leaks must be fixed no later than 3 days after being found. Visit NMWD.com/drought for more information. #savewater #droughtishere





July Social Media Highlights | Twitter



North Marin Water District @NorthMarinWater · Jul 15

Water Waste Report: If you notice any water waste or violations of the current non-essential water use restrictions, please fill out this form at nmwd.com/waste-report #droughtishere #savewater



North Marin Water District @NorthMarinWater · Jul 15

Under the new prohibitions that took effect on July 1, unreasonable irrigation overspray or run-off to the curb or gutter is prohibited. Visit NMWD.com/drought for more information #droughtishere #savewater





July Social Media Highlights | Twitter



North Marin Water District @NorthMarinWater · Jul 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



North Marin Water District @NorthMarinWater · Jul 19

Under the new prohibitions that took effect on July 1, 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 for more information. #droughtishere #savewater





July Social Media Highlights | Twitter



North Marin Water District @NorthMarinWater · Jul 21

Re-landscape your yard with low water use plants. These plants minimize water loss and maximize water uptake. Visit nmwd.com/drought for more water saving tips. #northmarinwaterdistrict #cadrought #bayarea #droughtishere #savewater



North Marin Water District @NorthMarinWater · Jul 23

Under the new prohibitions that took effect on July 1, 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





July Social Media Highlights | Twitter



North Marin Water District @NorthMarinWater · Jul 26

Remember to turn off the water while you lather, shave or brush your teeth. It will help save water during the #drought. 💧 Visit nmwd.com/drought for more water saving tips.

...



North Marin Water District @NorthMarinWater · Jul 28

Did you know, there are new prohibitions about filling new swimming pools and refilling drained pools during the #drought? Visit NMWD.com/drought for more information. #CADrought #droughtishere #savewater

...





July Social Media Highlights | Twitter



North Marin Water District @NorthMarinWater · Jul 29

You and your family can help [#savewater](#) by applying mulch to retain moisture and prevent soil erosion. Mulching could save you money on your water bill! Visit nmwd.com/drought for more water saving tips.



1



North Marin Water District @NorthMarinWater · Jul 29

Please refer to Novato Fire Department mulch guidelines, or visit FireSafeMarin.com for more information.



North Marin Water District @NorthMarinWater · Jul 31

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

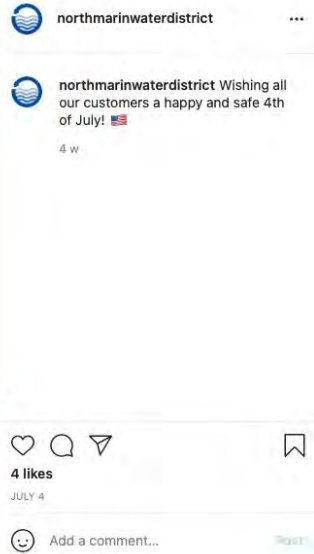




July Social Media Highlights | Instagram



4 likes



4 likes





July Social Media Highlights | Instagram



northmarinwaterdistrict

northmarinwaterdistrict Check for leaks in your home! Under the new prohibitions that took effect on July 1, leaks must be fixed no later than 3 days after being found. Visit [NMWD.com/drought](https://nmwd.com/drought) for more information. #savewater #droughtishere #northmarinwaterdistrict

2 w

3 likes
JULY 13

Add a comment... Post

3 likes



northmarinwaterdistrict

northmarinwaterdistrict Under the new prohibitions that took effect on July 1, unreasonable irrigation overspray or run-off to the curb or gutter is prohibited. Visit [NMWD.com/drought](https://nmwd.com/drought) at the link in our bio for more information. #droughtishere #savewater

2 w

5 likes
JULY 15

Add a comment... Post

5 likes





July Social Media Highlights | Instagram

Board of Directors Meeting

Tuesday, July 20th
6:00pm


NORTH MARIN WATER DISTRICT



This is a promotional graphic for a Board of Directors Meeting. It features a dark blue background with a light blue border. The text is white and centered. At the bottom right, there is a logo for North Marin Water District consisting of a blue circle with white waves and the text 'NORTH MARIN WATER DISTRICT' below it.

3 likes


 northmarinwaterdistrict ...

 northmarinwaterdistrict Customers are welcome and encouraged to attend North Marin Water District's virtual board meeting this Tuesday. See the agenda for how to join by phone or Zoom: nmgd.com/meetings (link in bio)

2 w

3 likes
JULY 19

 Add a comment... 

This is a screenshot of an Instagram post from the account 'northmarinwaterdistrict'. The post contains text inviting customers to a virtual board meeting on Tuesday. It includes a link to the meeting agenda and a 'link in bio' reference. The post has 3 likes and was posted on July 19th.


**New Drought Rules:
Washing Paved Areas**


For more info visit:
nmgd.com/drought


NORTH MARIN WATER DISTRICT





This is a promotional graphic for 'New Drought Rules: Washing Paved Areas'. It features a circular inset image showing a person in blue pants and boots using a high-pressure water spray on a paved area. The background is dark blue with a light blue wave graphic. At the bottom right, there is a logo for North Marin Water District consisting of a blue circle with white waves and the text 'NORTH MARIN WATER DISTRICT' below it.

5 likes



 northmarinwaterdistrict ...

 northmarinwaterdistrict Under the new prohibitions that took effect on July 1, 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://nmgd.com/drought) for more information. (Link in bio) #droughtishere #savewater

1 w

5 likes
JULY 20

 Add a comment... 

This is a screenshot of an Instagram post from the account 'northmarinwaterdistrict'. The post contains text explaining new drought rules regarding the use of potable water for cleaning paved areas. It includes a link to the district's website for more information and the hashtags #droughtishere and #savewater. The post has 5 likes and was posted on July 20th.





July Social Media Highlights | Instagram

**It's a dry year.
Save water with us.**

Relandscape your yard with low water use plants.



For more water saving tips visit
nmwd.com/save-water



2 likes

 northmarinwaterdistrict ...

 northmarinwaterdistrict Low water use plants are low maintenance and help save water. Look for the #watersmartplant label at local nurseries. Link in bio.
#northmarinwaterdistrict #cadrought #bayarea #savewater #droughtishere

1 w

👍 🗨️ 📌

2 likes
JULY 21

😊 Add a comment... Post





**New Drought Rules:
Refilling
Swimming Pools**

For more info visit:
nmwd.com/drought



4 likes

 northmarinwaterdistrict ...

 northmarinwaterdistrict Did you know, there are new prohibitions about filling new swimming pools and refilling drained pools during the #drought? Visit NMWD.com/drought for more information. #CADrought #droughtishere #savewater

5 d

👍 🗨️ 📌

4 likes
5 DAYS AGO


😊 Add a comment... Post





July Social Media Highlights | Instagram



 northmarinwaterdistrict ...

 northmarinwaterdistrict Mulch conserves moisture, lowers soil temperatures around plant roots, prevents erosion, and reduces weed growth. You can help #savewater now by applying mulch to your yard.

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Please refer to Novato Fire Department mulch guidelines, or visit FireSafeMarin.com for more information.

4 d



3 likes

4 DAYS AGO

 Add a comment... 

3 likes



New Website Form: Water Waste Report



The screenshot shows the North Marin Water District website. At the top left is the logo with the text "NORTH MARIN WATER DISTRICT". To the right of the logo is a navigation menu with links for "Home", "Account", "Your Water", "Save Water", "About", and "News", followed by a search icon. In the top right corner, there are links for "Contact" and "Español".

Water Waste Report

About This Form

Use this form to let us know about water waste or violations of the non-essential water use prohibitions currently in effect.

Please provide as much information as you can to help us respond effectively.

If this is a water emergency (i.e., potential main break) please call 415-897-4133.

We will only contact you if we need more information about your water waste report. All contact information will be kept confidential.

If you observe a water waste activity, leak, or other prohibited non-essential use of water, please consider talking to your neighbor or to the business owner directly. We find in most cases they are unaware of the problem and appreciate a neighborly alert.

Your Name *

First Name Last Name

Your Phone Number *

Your Email *

Date of Water Waste *

In This Section

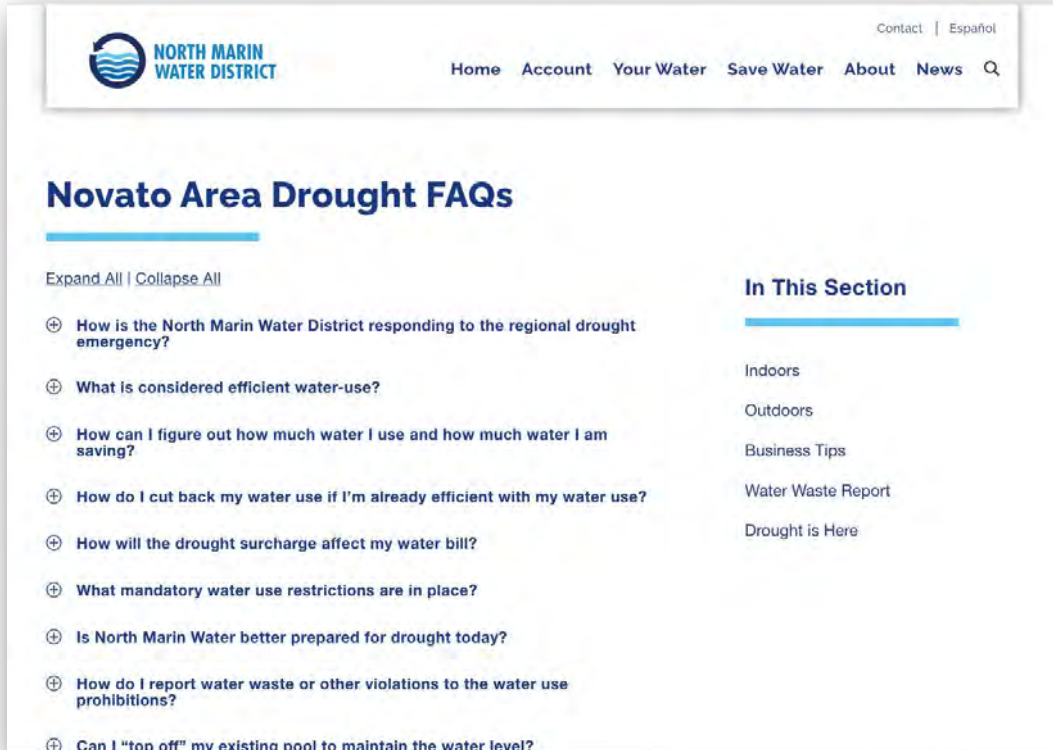
- Indoors
- Outdoors
- Business Tips
- Water Waste Report**
- Drought is Here

New Water Waste Report form was published to the website, and NMWD staff are able to access the reports via the secure data system.

The new form was promoted via social media in July.



New Website Pages: Drought FAQs



The screenshot shows the North Marin Water District website header with the logo on the left and navigation links (Home, Account, Your Water, Save Water, About, News) and a search icon on the right. The main content area is titled "Novato Area Drought FAQs" and includes a list of expandable questions on the left and a "In This Section" sidebar on the right.

North Marin Water District | Contact | Español

Home Account Your Water Save Water About News Q

Novato Area Drought FAQs

Expand All | Collapse All

- ⊕ How is the North Marin Water District responding to the regional drought emergency?
- ⊕ What is considered efficient water-use?
- ⊕ How can I figure out how much water I use and how much water I am saving?
- ⊕ How do I cut back my water use if I'm already efficient with my water use?
- ⊕ How will the drought surcharge affect my water bill?
- ⊕ What mandatory water use restrictions are in place?
- ⊕ Is North Marin Water better prepared for drought today?
- ⊕ How do I report water waste or other violations to the water use prohibitions?
- ⊕ Can I "top off" my existing pool to maintain the water level?

In This Section

- Indoors
- Outdoors
- Business Tips
- Water Waste Report
- Drought is Here

Drought FAQs pages were added to the website for both the Novato Service Area and the West Marin Service Area.



About Section: New Org Chart Added

The screenshot shows the North Marin Water District website's 'About' page. At the top left is the logo with the text 'NORTH MARIN WATER DISTRICT'. To the right are links for 'Contact' and 'Español'. Below the logo is a navigation menu with 'Home', 'Account', 'Your Water', 'Save Water', 'About' (highlighted), and 'News'. A search icon is also present. The main content area is titled 'Organization Chart' and features a hierarchical chart for July 2021. The chart starts with 'Voters' at the top, followed by the 'Board of Directors', and then the 'General Manager Drew McIntyre*'. Reporting to the General Manager are the 'Attorney Robert Maddow' and the 'District Secretary Terrie Kehoe*'. The Attorney oversees 'Administration / Finance' (led by Julie Blue with 11 staff) and 'Asst. GM / Chief Engineer Engineering' (led by Tony Williams with 9 staff). The District Secretary oversees 'Construction / Maintenance' (led by Tony Arendell with 12 staff) and 'Operations / Maintenance' (led by Robert Clark with 20 staff). Each of these four branches has further sub-departments with their respective staff counts. A footnote at the bottom left states '*Also serves as District officer.'

Organization Chart
July 2021

- Voters
 - Board of Directors
 - General Manager
Drew McIntyre*
 - Attorney
Robert Maddow
Bold, Polinger, Maddow et al.
 - Administration / Finance
Julie Blue* (11)
 - Accounting & Warehouse (5)
 - Billing & Customer Service (3)
 - Field Service Rep (2)
 - Asst. GM / Chief Engineer
Engineering
Tony Williams* (9)
 - Engineering Services (2)
 - Design Services (5)
 - Water Conservation (1)
 - District Secretary
Terrie Kehoe*
 - Construction / Maintenance
Tony Arendell (12)
 - Large Crew (5)
 - Small Crew (4)
 - Transmission & Distribution (2)
 - Operations / Maintenance
Robert Clark (20)
 - Operations (5)
 - Maintenance (8)
 - Water Quality (5)
 - Technical Assistant (1)

*Also serves as District officer.

A new Organization Chart was created and added to the website in July, to reflect recent staffing changes.



What's Next?

- New secure forms being added to NMWD.com for Start/Stop Service and Bill Adjustment requests
- North Marin Water District supply expansion news story
- Drought Drop-by story
- Drought 'New Rules' and 'Save Water' tips continue to be posted on social media
- Photoshoot being planned for August 2021 to get new images for website and social media



Thank You

12